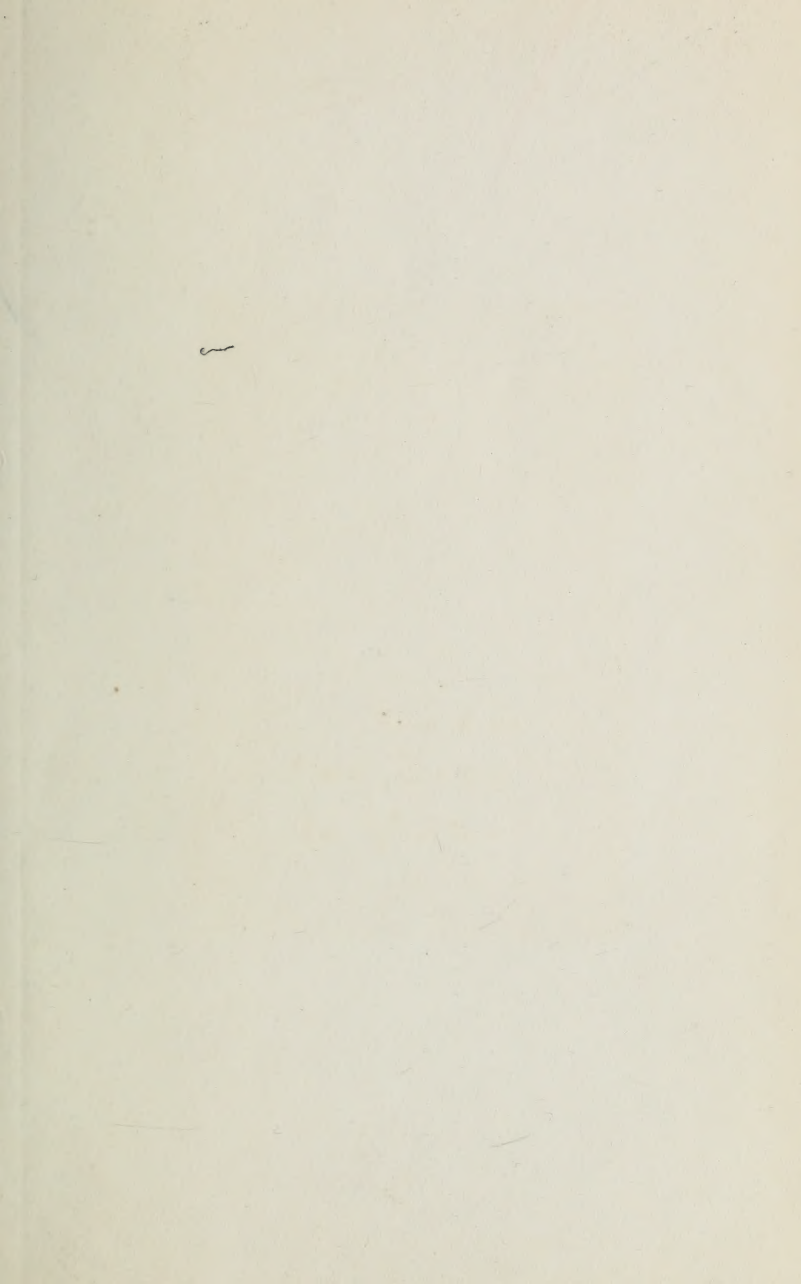


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Kenyon College Bulletin

No. 47

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KENYON COLLEGE CATALOGUE

1915-1916



PUBLISHED QUARTERLY BY KENYON COLLEGE, GAMBIER, OHIO

Entered January 5, 1907, as second-class matter at the Postoffice
at Gambier, Ohio

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Calendar 1916

JANUARY							FEBRUARY							MARCH							APRIL							
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Calendar 1917

JANUARY							FEBRUARY							MARCH							APRIL									
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COLLEGE CALENDAR

1915-1916

FIRST SEMESTER

- Sept. 15—Wednesday.....Registration of new students, Ascension Hall, 2 P. M. College opens with Evening Prayer at 5.
- Oct. 5—Tuesday.....Bexley Hall opens with Evening Prayer at 5.
- Nov. 1—Monday.....All Saints' Day. Founders' Day.
- Nov. 22-24—Mon.-Wed.....Mid-Semester Examinations for new students.
- Nov. 25-28—Thurs.-Sun...Thanksgiving Recess.
- Dec. 17—Friday.....Christmas Recess begins.
- Jan. 3—Monday.....College opens with Morning Prayer at 7:45.
- Jan. 26—Wednesday.....Semester examinations begin.
- Jan. 31—Monday.....First semester ends.

SECOND SEMESTER

- Feb. 4—Friday.....Second semester begins with Morning Prayer at 7:45.
- March 8—Wednesday.....Ash-Wednesday.
- April 20—Thursday.....Easter Recess begins.
- May 2—Tuesday.....College opens with Morning Prayer at 7:45.
- June 1—Thursday.....Ascension Day.
- June 12—Monday.....Semester examinations begin.
- June 19—Monday.....Eighty-eighth Commencement.

1916-1917

FIRST SEMESTER

- Sept. 20—Wednesday.....Registration of new students, Ascension Hall, 2 P. M. College opens with Evening Prayer at 5.
- Oct. 3—Tuesday.....Bexley Hall opens with Evening Prayer at 5.
- Nov. 1—Wednesday.....All Saints' Day. Founders' Day.
- Nov. 27-29—Mon.-Wed.....Mid-Semester examinations for new students.
- Nov. 30-Dec. 3—Thur.-Sun.Thanksgiving Recess.
- Dec. 17—Saturday.....Christmas Recess begins.
- Jan. 3—Tuesday.....College opens with Morning Prayer at 7:45.
- Jan. 31—Wednesday.....Semester examinations begin.
- Feb. 5—Monday.....First semester ends.

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	TERM EXPIRES
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UNDER ARTICLE IX

	TERM EXPIRES
THE RT. REV. JOHN HAZEN WHITE, D.D., Bishop of Mich- igan City	1918

THE RT. REV. LEWIS W. BURTON, D.D., Bishop of Lexington	1918
THE RT. REV. GEORGE W. PETERKIN, D.D., Bishop of West Virginia	1918
THE RT. REV. THEODORE N. MORRISON, D.D., Bishop of Iowa	1918
THE RT. REV. CHARLES P. ANDERSON, D.D., Bishop of Chicago	1918
THE RT. REV. WILLIAM L. GRAVATT, D.D., Bishop Coadjutor of West Virginia.....	1918
THE RT. REV. CHARLES D. WILLIAMS, D.D., Bishop of Michigan	1918
THE RT. REV. JOHN N. McCORMICK, D.D., Bishop of Western Michigan	1918

UNDER ARTICLE IV

TERM EXPIRES

*THE REV. HENRY E. COOKE, Cleveland.....	1917
THE HON. ALBERT DOUGLAS, LL.D., Chillicothe.....	1917
THE RT. REV. THEODORE I. REESE, D.D., Columbus.....	1918
SAMUEL MATHER, LL.D., Cleveland.....	1918
THE REV. ARTHUR DUMPER, Dayton.....	1918
MR. D. B. KIRK, Mt. Vernon.....	1918

UNDER ARTICLE VII

TERM EXPIRES

MR. WILLIAM G. MATHER, Cleveland.....	1917
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Discipline

PROFESSOR NEWHALL

PROFESSOR WEST

PROFESSOR WEIDA

Larwill Lectureship

PRESIDENT PEIRCE

PROFESSOR WEIDA

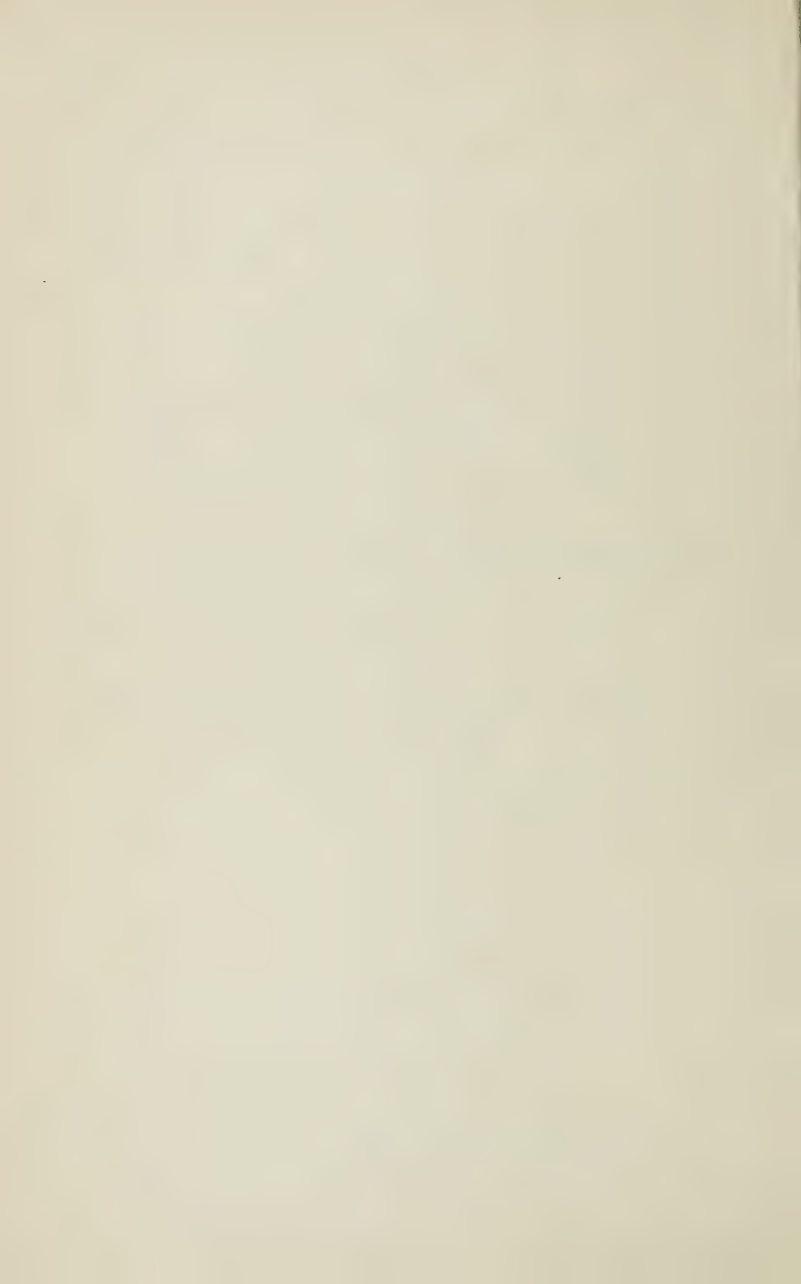
PROFESSOR LARWILL

Library

PRESIDENT PEIRCE

PROFESSOR REEVES

PROFESSOR MANNING



ORGANIZATION

The institution now known as Kenyon College was incorporated December 29, 1824, under the title of "The Theological Seminary of the Protestant Episcopal Church in the Diocese of Ohio." By a supplementary act of the Legislature, the president and professors of the seminary were empowered to act as the faculty of the college and confer degrees in the arts and sciences.

The original funds for the institution were secured in England in 1823-24 by the Right Rev. Philander Chase, first Bishop of the Episcopal Church in the Northwest territory, two of the principal donors being Lord Kenyon and Lord Gambier. The first students were received at the Bishop's house in Worthington, Ohio, in 1824, and the first constitution was approved by the Convention of the Diocese of Ohio on November 27 of the same year. In 1825, two quarter sections of the United States military lands were secured in Knox County. Building was begun in the following year. The first degrees were conferred under date of September 9, 1829.

In 1891 the corporate title was changed to Kenyon College, the name by which the institution had always been known. The Bishops of Ohio and Southern Ohio preside over the Board of Trustees in alternate years.

SITE

Gambier, the seat of Kenyon College, is a village of about five hundred inhabitants, on the Cleveland,

Akron and Columbus Railroad, a little east of the center of the State of Ohio, fifty miles from Columbus, five miles from Mount Vernon and one hundred and twenty miles from Cleveland. The altitude is nearly eleven hundred feet and the site was chosen by Bishop Chase after careful investigation, for natural beauty and healthfulness of climate. The plateau on which the College and village are situated rises about two hundred feet above the valley of the Kokosing river, which flows around it on three sides.

GROUNDS AND BUILDINGS

The original domain of the College comprises four thousand acres being a quarter township of the United States Military Reservation of 1795 in Central and Eastern Ohio. Of this domain the College still holds about three hundred and fifty acres including several tracts of woodland. The Ohio Department of Forestry has recently undertaken to develop these forest lands as an exhibit of modern methods of tree culture. Minute surveys have been made and an extensive nursery has been established. Expert supervision is given by the Department to all work that is done on the College domain and it is hoped that in the future the College lands can be used for demonstration in connection with formal courses in forestry.

As Gambier Hill projects into the valley, the College Park commands an extensive view of the fertile, smiling valley of the Kokosing with a background of cultivated hills. The natural charm has been much enhanced by the tasteful arrangement of the grounds. In the Park, which contains over ninety acres and many old forest trees, pains have been taken to com-

bine the effects of lawn and woodland. On this extensive tract the building sites have been carefully selected, and the broad Middle Path which connects Old Kenyon with Bexley Hall is two-thirds of a mile long.

The College buildings comprise the dormitories, Old Kenyon (1827) and Hanna Hall (1902); Ascension Hall (1859), the recitation and laboratory building; Rosse Hall (1831, rebuilt 1899), the gymnasium and assembly room; the Alumni Library (1910), with which is connected the Stephens Stack Room (1902); the Church of the Holy Spirit (1869), the chapel; Bexley Hall (1839), the theological seminary; Colburn Hall (1904), the theological library; "Cromwell Cottage" (1913), the President's House; "Kokosing" (1865), the stone mansion built by Bishop Bedell, standing in its own extensive park; and various other buildings.

Old Kenyon

Old Kenyon, the cornerstone of which was laid in 1827, is a massive Gothic structure of local sandstone. It is one hundred and sixty feet long, three stories high, with solid stone walls four and one-half feet thick at the basement story. The roof carries battlements and pinnacles and is surmounted by a spire one hundred and ten feet high containing the old College Bell. By an Alumni subscription the bell was recently recast at the Meneely Foundry.

In 1907 Old Kenyon was completely rebuilt on the interior at an expense of over \$75,000, the external appearance remaining unchanged. The walls and roofs were thoroughly repaired and in part rebuilt with the best and most permanent materials so that

the building is now unexcelled among college dormitories for strength, comfort and beauty.

Old Kenyon contains rooms for between eighty and ninety students. The interior finish is of Flemish oak of handsome grain with wainscoting in the halls. The staircase have Gothic newel posts and birch hand rails. At all the windows are placed broad window seats of solid oak which cover the steam radiators. Rather more than one-half of the rooms are arranged in suites. The plumbing and heating systems are of the best and most modern type.

Hanna Hall

This dormitory was opened to students in December, 1903. The building is of gray Cleveland sandstone, in Collegiate Gothic style. It is two stories high with gables, measures one hundred and thirty feet long by fifty feet deep, and houses about fifty students. The building is constructed throughout in the best and most substantial way.

The doors and window casings and the wainscoting are of Flemish oak, and the floors of polished hardwood. Heat is furnished by steam boilers. Running water is supplied in every bed-room. In comfort and in elegance of appointment the building has no superior among college dormitories.

Hanna Hall was built in honor of his wife by the late Marcus A. Hanna, United States Senator from Ohio, at a cost of over \$65,000. Charles F. Schweinfurth, of Cleveland, was the architect.

Ascension Hall

Ascension Hall is a stately Collegiate Tudor building of reddish-gray freestone, one hundred and thirty feet long and three stories high. Members of the Church

of the Ascension, New York, provided for its construction in honor of their former rector, Bishop Bedell. It contains the lecture and recitation rooms, the physical, chemical and biological laboratories and workshops, the halls for literary societies, and the offices of the President and Treasurer. The battlemented tower of the building serves as the astronomical observatory. A steam heating plant given by Samuel Mather of Cleveland is installed in the basement and provides heat for both Ascension and Rosse Halls.

College Chapel

The Church of the Holy Spirit, the College chapel, was built in 1869, by the Church of the Ascension, New York, as a tribute to their former rector, Bishop Bedell. It is a cruciform edifice of Early English architecture and is built of freestone laid in courses, with dressed quoins and facings. The nave and chancel are ninety feet, the transepts eighty feet in length. Ivy, transplanted from Melrose Abbey, covers the walls.

The interior of the church is finished in oak, the walls are tastefully illuminated, and all the windows are of stained glass. The organ is a memorial to Bishop McIlvaine, and a mural tablet, erected by the Diocese of Ohio, commemorates the founder of Kenyon College, the Rt. Rev. Philander Chase.

In the church tower is the College clock and a set of nine bells, together with a mechanism which rings the Westminster chimes at the quarter hours.

By the will of the late Mrs. Bedell a fund was established for keeping the church and Kokosing in repair.

Library and Stack Room

Hubbard Hall, the first library building, was burned January first, 1910, but the adjacent stack-room saved

the mass of the library. On its site has been built the spacious and beautiful Alumni Library at a cost of about \$50,000. The principal donors are the Alumni of the College and David Z. Norton, Esquire, of Cleveland, who has given the Reading Room.

In construction the Alumni Library is practically fireproof,—floors, partitions and staircases being built of steel and tile. Glenmont sandstone in broken courses with trimmings of Cleveland cut stone forms the exterior walls. Besides working rooms for the Librarian, the Library contains a spacious periodical room, a hall of meeting for the Faculty and Trustees, and two Seminar rooms for class instruction. Built as a part of the Alumni Library is a superb Gothic Reading Room patterned after an English College hall, with stone-mullioned Tudor windows filled with leaded opalescent glass, and with a lofty ceiling carried by richly carved beams and trusses. In honor of the donor, this structure is called Norton Hall.

The books are housed in the Stephens Stack Room, a gift of the late James P. Stephens, '59, of Trenton, N. J. The construction is strictly fireproof, stone, brick, steel, and glass being the only materials used in the building. It provides space for about 50,000 volumes.

The library of 27,500 volumes is catalogued according to the Dewey system and is open throughout the day and evening. The books are unusually well chosen and form an admirable working library for undergraduate students. In history, in biography, and in English, French, and German literature the collections are good, and the mathematical department contains the library of the late John N. Lewis of Mt. Vernon, which con-

sists of some 1,200 volumes. Accessions are made on the recommendations of the several professors.

The purchase of new books is provided for by several endowments. The Hoffman fund was established by Frank E. Richmond, Esq., of Providence, R. I., for the purchase of new books. In 1901 the James P. Stephens Library Fund of about \$18,000 was founded by James P. Stephens, '59, of Trenton, N. J. By the wish of the donor a considerable part of the income will for the present be devoted to the purchase of classical works in other languages than English. The Klock Fund is devoted to the purchase of books for the Department of English and the Vaughn Fund to the binding of periodicals.

The reading room receives the leading American and English periodicals, and ten or twelve French and German reviews, and is open to students during the library hours.

An additional library of 12,000 volumes, chiefly theological, is housed in Colburn Hall.

Gymnasium

Rosse Hall, the gymnasium and assembly room, is an Ionic structure of sandstone about one hundred by seventy-five feet. Built in 1831 as the College Chapel it was burned in 1897. The reconstruction was provided for by James P. Stephens, Mrs. Julia T. Bedell and other donors, and especially by "The William and Mary Simpson Memorial Fund" given by Mrs. Mary A. Simpson of Sandusky. To the restoration was also applied a bequest of five thousand dollars from Senator John Sherman. The principal hall serves as a gymnasium and assembly hall, and is provided with gymnastic apparatus presented by the Alumni. Shower baths

and dressing rooms with all-steel lockers are supplied in the basement, which also contains a baseball cage.

The athletic grounds are spacious and pleasantly situated. The baseball and football fields lie at the foot of the College hill, where the shaded hillside provides a natural grandstand. The tennis courts near Old Kenyon are excellent. There is a quarter-mile cinder track, and the facilities for general field sport are good.

Laboratories

The north end of Ascension Hall, comprising eighteen rooms, is given up to the physical, chemical and biological laboratories. The Bowler Fund makes provision for accessions of apparatus and books.

The Chemical Laboratory occupies eight rooms in addition to the lecture and preparation rooms and museum. The laboratory in general chemistry has been enlarged and now accommodates sixty students. The laboratories for work in qualitative and quantitative analysis and organic chemistry are smaller but well equipped. There are hoods and balances, with ample store room facilities, and the stock of chemicals and apparatus has been made adequate for work in general, analytical and organic chemistry, including chemical preparations. This laboratory has its own library of four hundred volumes, including standard reference works in several languages, and files of the leading chemical journals. An excellent collection of typical minerals is provided, the latest addition being "The Ratcliff Memorial Collection," the gift of Mr. B. W. Ratcliff of Waukon, Iowa.

The Physical Laboratory, which occupies a part of the first floor and basement of Ascension Hall, is well

equipped for experimental work both in the laboratory proper and the lecture room. During the past year the entire laboratory has been rearranged thoroughly, so as to afford a maximum of efficiency. To this same end a number of new pieces of high grade apparatus have been added, which facilitate greatly the attainment of precision in measurements. Of the present equipment of the department may be mentioned its electric power plant, which furnishes light for the laboratories and current for experimental work. This outfit consists of a 14 H. P. gas engine, a $7\frac{1}{2}$ K. W. generator, an 80 ampere-hour storage battery of 56 cells, and an elaborate battery distributing switch-board. Other pieces of apparatus worthy of note are: A 29-inch spark induction coil with its accessories for X-ray work, a large Tesla high tension transformer, a 30,000-pound Riehlé machine for testing the strength of materials, and a large number of measuring instruments for use in the study of nearly every branch of Physics.

Several physical journals are taken, and kept on file, and a number of the most recent books on various physical subjects are being added to the general library each year. These have been so selected as to furnish ample material for collateral reading and thesis work.

The Biological Laboratory occupies rooms on the third floor of Ascension Hall. The main room is well lighted from above and contains sixteen Bausch and Lomb compound microscopes, sixteen dissecting microscopes, paraffine bath, incubator, sterilizers and Minot rotary and automatic precision microtomes. Desks and lockers are provided for twenty students.

The department has its own working library, con-

sisting of standard reference books in English, German and French, while additional books needed for advanced work are procured from the Boston Society of Natural History or from university libraries.

MATHEMATICAL INSTRUMENTS

The observatory has a telescope of five and one-fourth inches aperture, the object glass of which was made by Alvan Clark & Son. It is also supplied with a transit of two inches aperture and a sidereal clock. The Department of Astronomy owns a set of Trouvelot astronomical drawings.

The income of the Delano Astronomical Fund is used for the observatory.

For the use of students in surveying, the Department of Mathematics possesses an excellent transit, Y level and compass, with the necessary appurtenances.

THE BEDELL LECTURESHIP

A fund of five thousand dollars established by Bishop and Mrs. Bedell provides for biennial lectures on the Evidences of Natural and Revealed Religion, or the Relation of Science to Religion. These lectures are given every second year on Founders' Day, which is celebrated on the Festival of All Saints. The publication of the lectures is provided for.

The following lectures have been delivered:

The Rt. Rev. John Williams, D.D., LL.D., "The World's Witness to Christ." 1881.

The Rt. Rev. Henry Cotterell, D.D., "Revealed Religion in Its Relation to the Moral Being of God." 1883.

The Rt. Rev. Hugh Miller Thompson, D.D., "The World and the Logos." 1885.

The Rev. James McCosh, S.T.D., LL.D., "The Religious Aspect of Evolution." 1887.

The Rev. David H. Greer, D.D., "The Historical Christ, the Moral Power of History." 1889.

The Rt. Rev. Arthur Cleveland Coxe, D.D., LL.D., "Holy Writ and Modern Thought." 1891.

The Rt. Rev. William A. Leonard, D.D., "The Witness of the American Church to Pure Christianity." 1893.

The Rt. Rev. Boyd Vincent, D.D., "God and Prayer; the Reasonableness of Prayer." 1895.

The Rev. William Reed Huntington, D.D., "A National Church." 1897.

The Rev. Morgan Dix, D.D., D.C.L., "The Supernatural Character of the Christian Religion." 1899.

The Rt. Rev. Henry C. Potter, D.D., D.C.L., "Man, Men, and Their Master." 1901.

The Rt. Rev. William Crosswell Doane, D.D., "Evidence, Experience, Influence." 1903.

The Rt. Rev. Arthur C. A. Hall, D.D., "The Relations of Faith and Life." 1905.

The Rt. Rev. Thomas F. Gailor, D.D., Bishop of Tennessee, "The Christian Church and Education." 1909.

The Rev. George F. Smythe, D.D., "The Shepherd of Israel: A Contribution to the Evidences of Revealed Religion." 1911.

The Rev. George Hodges, D.D., Dean of the Cambridge Divinity School, "The Church in the Fourth Century." 1913.

THE LARWILL LECTURESHIP

This fund of ten thousand dollars is the gift of Joseph H. Larwill, Esq., of the class of 1855. The income is available for occasional lectures or for courses of lectures on subjects of general interest. The Founder desires that at least every third year a lecture or a course of lectures, philosophical in tone, shall be delivered on one of these great subjects: "What can I know? What ought I to do? For what can I hope?"

At the discretion of the College Faculty, lectures delivered on the Foundation may be published.

Among the recent occasional lecturers on this Foundation have been Professor Brander Matthews of Columbia Univer-

sity; Hamilton Holt, managing editor of the New York *Independent*; Dr. Svante Arrhenius, of the University of Stockholm; Professor Anatole Lebraz, of the University of Rennes; Dr. Reginald Campbell, of the City Temple, London, Eng.; Dr. Talcott Williams, Dean of the Pulitzer School of Journalism, Columbia University; William Butler Yeats, Sydney George Fisher, LL.D., Canon James O. Hannay, Wilfrid Ward, Eugene Brieux, and James M. Taylor, LL.D., ex-President of Vassar College.

Formal academic courses have been delivered as follows:

Charles W. Eliot, LL.D., President Emeritus of Harvard University, "The Future of Trades Unionism and Capitalism in a Democracy." October, 1909. (G. P. Putnam's Sons.)

The Hon. Theodore E. Burton, United States Senator from Ohio, "Modern Democracy." November, 1911.

George Edward Woodberry, formerly head of the Department of Comparative Literature at Columbia University, "Two Aspects of Criticism: Creative and Historical." May, 1913.

John W. Burgess, LL.D., formerly Professor of Political Science and Constitutional Law in Columbia University, "The Administration of President Hayes." October, 1915. (Scribner's.)

THE STIRES PRIZES

Two prizes of \$35 and \$15 respectively, are offered annually by the Rev. Dr. Stires, Rector of St. Thomas' Church, New York, for excellence in debating. The contestants are chosen from the two upper classes and represent the Philomathesian and Nu Pi Kappa literary societies.

SCHOLARSHIP AND BENEFICIARY AID

The charges for tuition and minimum room rent are remitted to the sons of clergymen and to postulants for Holy Orders. Limited appropriations are made to postulants for Holy Orders by the Trustees of the Ethan Stone Fund and by the Joint Education Committee of the Dioceses in Ohio.

All scholarships are held subject to the following regulation of the Faculty: "All students holding scholarships of any kind shall be required to maintain an average grade of two and one-half, to observe reasonable economy in expenditure, and to refrain from behavior which will subject them to college discipline."

(a) ENDOWED SCHOLARSHIPS.

The Alfred Blake Scholarships, three perpetual scholarships, covering tuition, the gift of Mrs. Alfred Blake, of Gambier.

The French Prize Scholarship, a perpetual scholarship covering tuition in Kenyon College, the gift of Mrs. Robert French, of Gambier, to be awarded to the student of the Preparatory Department standing highest in grade and deportment.

The Austin Badger Scholarship, of \$1,400, founded by bequest of Austin Badger, of Medina, Ohio. The income is to be awarded only to a student preparing for the ministry.

The Nash Scholarships, of \$10,000, founded by bequest of Job M. Nash, of Cincinnati. The income provides for three scholarships of about \$200 each.

The Thomas A. McBride Scholarship, of \$2,000, founded by bequest of Mrs. Mary A. McBride, of Wooster, Ohio, in memory of her son, Thomas A. McBride, of the class of 1867.

The Southard Scholarship, of \$2,500, the gift of Mr. George F. Southard, of the class of 1873. Preference is to be given to a student in regular standing.

The John W. Andrews, Jr., Scholarship, of \$3,000, the gift of Hon. John W. Andrews, of Columbus, Ohio, in memory of his son.

The Carter Scholarship, of \$5,000, the gift of Mrs. Carter of Albany, New York, in memory of her husband, the Rev. George Galen Carter, S.T.D., of the class of 1864, and his father, the Rev. Lawson Carter, late of Cleveland, Ohio. The income provides for two scholarships and in making appointments preference is to be given to postulants for Orders, especially to such postulants as are sons of clergymen.

The Carnegie Scholarship Fund, of \$25,000, the gift of Andrew Carnegie, Esq. Grants from the income of this fund are made to needy and deserving students for the payment of College bills. Postulants for Holy Orders are ineligible.

The Philo Sherman Bennett Scholarship, of \$500, assigned to Kenyon College by the Hon. William J. Bryan as administrator for Mr. Bennett. The income of this fund is to be given to needy and deserving students.

(b) LOAN FUNDS.

The Curtis Fund, which now amounts to over \$27,000.

The late Henry B. Curtis, LL.D., of Mt. Vernon, Ohio, granted to the Trustees of Kenyon College, a fund for the aid of meritorious students by loans of money at a low rate of interest. The interest is intended to meet only the risk of death, and is not to be greater than the average rate of life insurance.

The application for a Curtis scholarship must state the applicant's name, residence and age, and his father's name and address. The father or guardian must endorse the application and express his belief that the loan will be repaid at maturity. The Faculty will consider the application to be confidential, and in granting the loan will take into consideration the applicant's character, ability and merit, including his examinations in school and college, and his record for regularity, punctuality and general conduct. The appropriations are made for only a year at a time. The maximum loan for one year is \$150, but for a student's first year \$75. The sum appropriated is paid in two equal parts, one at the beginning of each semester. Upon each payment the student gives his promissory note for the repayment five years from date, with interest at the rate of one and a half per cent.

The Ormsby Phillips Fund, of \$1,000, which was established by Mr. and Mrs. Bakewell Phillips, of Pittsburg, Pennsylvania, to be loaned without interest to a student for the ministry.

(c) THE HIGH SCHOOL SCHOLARSHIPS.

By action of the Board of Trustees, eight scholarships in Kenyon College are offered each year to male graduates of high schools in the State of Ohio. The application must state that the assistance is necessary to enable the student to pursue a course at Kenyon College, and must be signed by both the applicant and his father or guardian. A certificate from the principal of the high school testifying to intellectual proficiency and moral character is also required. The scholarships cover tuition.

ADMISSION

In the following statement the term "Unit" means a course of study of five recitation periods a week continued through a full school year. For entrance to all college courses fifteen such Units are required. The pages immediately following contain a detailed description of the subjects that will be accepted as Units for admission.

TABLE OF REQUIREMENTS FOR ADMISSION

FOR THE CLASSICAL COURSE:	UNITS
English	3
Mathematics	3
Latin or Latin and Greek.....	4
Other Foreign Language.....	2
History	1
Additional	2
	—
	15

FOR THE PHILOSOPHICAL COURSE:	UNITS	FOR THE SCIENTIFIC COURSE:	UNITS
English	3	English	3
Mathematics	3	Mathematics	4 or 3
Foreign Languages	4	Foreign Languages	3 or 4
History	2	History	1
Sciences	1	Sciences	2
Additional	2	Additional	2
	—		—
	15		15

The following table shows the minimum and maximum amounts which will be accepted in each subject:

UNITS	UNITS
English	3 or 4
Mathematics	3 or 4
Latin	1-4
Greek	1-3
French	1-3
German	1-3
History	1-3
Sciences	1-3
Drawing	1
Shopwork	1

English (Three or Four Units)

1. THREE UNITS. (a) Reading. A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject matter, and to answer simple questions on the lives of the authors. On several assigned topics a brief written discussion will be required at the examination. The object is to test the candidate's power of clear, accurate expression, and will call for only a general knowledge of the substance books. In place of a part of this test the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the book. No student will hereafter be admitted without examination except on the presentation of such properly certified exercise book, or of an explicit statement from his instructor of the books read in class and the amount of composition work required. The substitution of equivalent books for those given below will for the present be permitted. In preparation for this part of the requirement it is important that the candidates shall have been instructed in the fundamental principles of rhetoric.

(b) Study and Practice. This part of the examination presupposes the thorough study of each of the works named in this division. The examination will be upon subject matter, form and structure. *In addition the candidate may be required to answer questions involving the essentials of English grammar, and the leading facts in those periods of English history to which the prescribed books belong.*

No candidate will be accepted in English whose work

is notably defective in point of spelling, punctuation, idiom or division into paragraphs.

An examination in composition will be required of all new students.

1916—FOR GENERAL READING. The student selects ten Units, two from each of the five following groups. Each unit is set off by semicolons.

I. The *Old Testament*; comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's *Merchant of Venice*; *Midsummer Night's Dream*; *As You Like It*; *Twelfth Night*; *Henry the Fifth*; *Julius Caesar*.

III. Defoe's *Robinson Crusoe, Part I*; Goldsmith's *Vicar of Wakefield*; either Scott's *Ivanhoe* or Scott's *Quentin Durward*; Hawthorne's *House of the Seven Gables*; either Dickens's *David Copperfield* or Dickens's *A Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; George Eliot's *Silas Marner*; Stevenson's *Treasure Island*.

IV. Bunyan's *Pilgrim's Progress, Part I*; The *Sir Roger de Coverly Papers* in *The Spectator*; *Franklin's Autobiography* (condensed); Irving's *Sketch Book*; Macaulay's *Essays on Lord Clive* and *Warren Hast-*

ings; Thackeray's *English Humorists*; *Selections* from Lincoln including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail*; either Thoreau's *Walden*, or Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's *Inland Voyage* and *Travels With a Donkey*.

V. Palgrave's *Golden Treasury (First Series)*, *Books II and III*, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal*; Scott's *Lady of the Lake*; Byron's *Childe Harold*, *Canto IV*, and *Prisoner of Chillon*; Palgrave's *Golden Treasury (First Series)*, *Book IV*, with especial attention to Wordsworth, Keats, and Shelley; Poe's *Raven*, Longfellow's *Courtship of Miles Standish*, and Whittier's *Snow Bound*; Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab and Rustum*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*.

FOR STUDY AND PRACTICE. Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, and *Comus*; either Burke's *Speech on Conciliation with America*, or both

Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; either Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

2. FOUR UNITS. In addition to the preceding a fourth unit may be offered in English Composition.

Mathematics (Three or Four Units)

1. THREE UNITS. (a) Algebra (one and one-half units), through Simultaneous Quadratic Equations.

(b) Plane Geometry (one unit).

(c) Solid Geometry, or Advanced Algebra, or Trigonometry (one-half unit).

A thorough review of Algebra and Geometry should be completed during the year preceding entrance to College.

2. FOUR UNITS. In addition to the preceding the remaining two of the following subjects:

(a) Solid Geometry.

(b) Advanced Algebra, including the theory of Logarithms, Series, Determinants and Partial Fractions, and Elementary Theory of Equations (one-half unit).

(c) Plane Trigonometry, with special attention to the derivation of formulae and the accurate solution and checking of problems (one-half unit).

Latin (One, Two, Three or Four Units)

1. ONE UNIT. Latin grammar with easy reading, consisting of twenty to thirty pages of connected text. In all written exercises the long vowels should be marked, and in all oral exercises pains should be taken to make the pronunciation conform to the quantities.

The student should be trained from the beginning to grasp the meaning of the Latin before translating, and then to render into idiomatic English; and should be taught to read the Latin aloud with intelligent expression.

2. TWO UNITS. In addition to the preceding, selections from Caesar's *Gallie War* equivalent in amount to four or five books; selections from Nepos may be taken as a substitute for an amount not exceeding two books. The equivalent of at least one period a week in prose composition based on Caesar. Frequent written exercises and translation at sight from Caesar.

3. THREE UNITS. In addition to the preceding, six orations of Cicero, including the *Manilian Law*. Sallust's *Catiline* will be accepted as a substitute for an equivalent amount of Cicero.

The equivalent of at least one period a week in prose composition, based on Cicero. Frequent written exercises and translation at sight from Cicero.

4. FOUR UNITS. In addition to 1 and 2, Virgil's *Æneid*. For a portion of this may be substituted selections from *Ovid*. Constant practice in the metrical reading of Latin verse.

The equivalent of at least one period a week in prose composition. Frequent translation at sight from Virgil and Ovid.

Greek (One, Two or Three Units)

1. ONE UNIT. Grammar. *Anabasis*, twenty pages. The student should have constant practice in reading Greek aloud and in translating into Greek. Syntax is best taught in connection with the text read, but the

most important paradigms should be learned before beginning the *Anabasis*.

2. TWO UNITS. In addition to the preceding, *Anabasis* I-IV. Greek prose based on the *Anabasis* should be written daily.

3. THREE UNITS. In addition to 1 and 2, *Anabasis* reviewed, *Iliad*, not less than 1900 lines. Mythology and scansion should be taught in connection with the *Iliad*. Greek prose based on the *Anabasis*.

French (One, Two or Three Units)

1. ONE UNIT. In one year the student should acquire a fairly accurate pronunciation and such a knowledge of elementary grammar and vocabulary as will enable him to translate very simple French into English as well as short English sentences into French. He should read one or another of the standard French readers for beginners, or an equivalent amount of prose selected from suitable texts.

2. TWO UNITS. In the second year a more complete study of the grammar should be made in connection with exercises in composition, and a number of the less difficult short stories, by modern French writers should be read. For the work of two years two units' credit is given.

3. THREE UNITS. The work of the third year should embrace the reading of several novels and plays and the writing of more advanced composition. For the work of three years three units' credit is given.

German (One, Two or Three Units)

1. ONE UNIT. Careful drill in pronunciation; elementary grammar, including a thorough knowledge of forms and simple syntax; reading of about 150 pages

of easy modern German, mainly narrative prose; elementary drill in speaking and writing German.

2. TWO UNITS. Further study of the grammar, including a more thorough treatment of syntax; continued practice in writing and speaking German; reading in addition to 1, of about 250 pages of modern German from standard authors.

3. THREE UNITS. Continuation of the study of the grammar, composition and conversation; the reading in addition to 1 and 2 of about 400 pages of classical and modern German prose and poetry.

History (One, Two or Three Units)

1. GENERAL HISTORY. As much as is contained in Myers's *General History*.

2. (a) GREEK HISTORY. Myers's or Botsford's *History of Greece* or an equivalent (one-half unit).

(b) ROMAN HISTORY. Allen's *History of the Roman People* or Botsford's *Roman History* (one-half unit).

3. ENGLISH HISTORY. The equivalent of Andrews' or Cheney's *History of England*, with collateral reading.

4. UNITED STATES HISTORY. A comprehensive course based on such a text as Adams and Trent or McDonald's Johnston's, with considerable collateral reading.

5. (a) UNITED STATE'S HISTORY. John Fiske's *History of the United States* or an equivalent (one-half unit).

(b) POLITICAL SCIENCE, as much as is contained in John Fiske's *Civil Government in the United States* (one-half unit).

Science (One, Two or Three Units)

1. **ELEMENTARY PHYSICS.** An amount of work equivalent to that in the text of Carhart and Chute, Hoadley, or Millikan & Gale is required. Particular attention should be given to the practical laboratory methods, and the solution of numerical problems.

2. **ELEMENTARY CHEMISTRY.** A course including both laboratory work and class room work in Inorganic Chemistry. The following recent text-books may be taken to indicate the work desired: Brownlee's *First Principles of Chemistry*, or Hessler & Smith's *Essentials of Chemistry*, or McPherson & Henderson *A First Course in Chemistry*.

3. **GENERAL BIOLOGY.** Adaptation to environment, protective resemblance, variation, etc., should be studied. A general study of the activity and local distribution of typical forms of life. Laboratory work is essential. Boyer's *Elementary Biology*, or selections from Davenport's *Introduction to Zoology*, together with Bergen's *Elements of Botany*, represent approximately the amount required.

4. **BOTANY.** The essential principles of plant life and growth together with a careful study of typical plant forms. Variability, adaptation, assimilation, respiration, digestion, growth and reproduction should be carefully studied. An equivalent of Atkinson's *Lessons in Botany*, or Bergen's *Foundations of Botany*, should be presented.

5. **ZOOLOGY.** Knowledge of the typical forms both invertebrate and vertebrate is required. Ability to recognize the specimen, to indicate its relationships, and to point out the principal features of its life his-

tory, organization and physiology. An equivalent of Kellogg's *Elementary Zoology* or Davenport's *Introduction to Zoology*.

RULES FOR ADMISSION

Candidates for admission must present testimonials of good moral character, and if they come from other colleges certificates of dismissal in good standing.

Examinations for entrance are held at the opening of the college year the third Wednesday in September.

Certificates will be provisionally accepted from the principal of any accredited High or Preparatory School, and will exempt the student from entrance examinations in the subjects covered, provided that they are in the hands of the Registrar at the opening of the year. No student is admitted whose certificates do not cover at least 14 units of preparatory work.

The privilege of registration is extended only to students who either pass the entrance examinations or present satisfactory certificates.

The College furnishes certificate blanks, which must state in detail the courses that the student has completed, together with the ground covered and the time given to each course.

At entrance, all students are received upon probation, and their work is subject to careful inspection. Matriculation (see p. 69) gives final credit for certificates and accords full standing in College. Immediately before the Thanksgiving recess, mid-semester examinations are given to all new men. To be matriculated a student must maintain a passing grade in at least twelve hours of work, to be determined by class standing and the mid-semester examinations. Students who fail to matriculate may be continued upon probation, but failure to pass in nine hours of work at the end of the semester drops them from College.

Applicants for admission who lack preparation in Greek, German or French, will be given an opportunity in College to make up in one of these languages not more than two units of deficiency.

Advanced Standing

Candidates for advanced standing will be examined in all prescribed studies antecedent to the desired grade, including the requirements for admission to college and in such elective studies as shall be chosen by the candidate and approved by the Faculty.

Students from other colleges will be admitted to such standing as the Faculty may deem equitable in each case. Candidates are required to present a certified statement of the studies they have pursued and their proficiency therein, together with a catalogue of the college from which they come.

COURSES OF STUDY

Three courses of study are offered—classical, philosophical, and scientific. After the freshman year in all courses students are permitted to elect a large proportion of their work. The prescribed requirements aim at securing breadth and continuity without sacrificing flexibility. On the following pages is printed a conspectus showing the prescribed subjects and the range of electives for each course.

THE CLASSICAL COURSE. Four years of classical language are required for admission and a considerable amount of classical language must be taken in College. If the student takes Latin and no Greek he is required to complete a course in Greek literature for which no knowledge of the language is necessary. The degree of Bachelor of Arts is conferred upon the completion of this course.

THE PHILOSOPHICAL COURSE. This course emphasizes modern language both for preparation and in College although units in any foreign language may be presented for admission. In College five years of language must be taken of which at least three years must be in one language. About the same proportion of electives is allowed as in the Classical course. The degree of Bachelor of Philosophy is conferred upon the completion of this course.

THE SCIENTIFIC COURSE. The arrangement of subjects in this course is intended primarily to meet the needs of students who intend to take technical or en-

gineering courses later. Advanced work in mathematics and in physics is prescribed and numerous electives are offered in the scientific subjects which are fundamental for technical training. Students who complete this course with the proper electives in science are able to make third year standing in engineering schools of the first grade. The degree of Bachelor of Science is conferred upon the completion of this course.

SPECIAL COURSES. Students are urged to enter one of the four regular courses but in individual cases permission to take special work is granted. Students who intend to study engineering can thus complete in three years a sufficient amount of work in general science to secure practically two years of advanced credit in a good technical school. By this means such students enjoy the advantage of the personal instruction and the academic atmosphere of a literary college, with little sacrifice of time.

CONSPECTUS OF COURSES OF STUDY FRESHMAN YEAR

First Semester		Second Semester	
ALL COURSES:	HOURS		HOURS
English 1*	3	English 2	3
Mathematics 1 or 3†.....	3	Mathematics 2 or 4†.....	3
Physical Training 1, 2.....	1	Physical Training 1, 2.....	1
CLASSICAL: ‡			
Greek or Latin.....	3	Greek or Latin.....	3
Other Language	3	Other Language	3
Chemistry 1 or Physics 1	4	Chemistry 2 or Physics 2	4

* The number identifies the course as described in the Departments of Instruction.

† Each student must complete in College the two courses in Mathematics that follow those offered for entrance.

Scientific students presenting only 3 units of Mathematics for entrance must complete Mathematics 1, 2, 3, 4.

‡ All classical students must complete in College four years of Classical Language; if Greek is begun in College, it must be carried two years; if no Greek language is taken, Greek 11 and 12 must be taken.

PHILOSOPHICAL: *	HOURS		HOURS
German	3	German	3
French	3	French	3
Chemistry 1 or Physics 1	3	Chemistry 2 or Physics 2	3
SCIENTIFIC:			
German	3	German	3
French	3	French	3
Chemistry 1	3	Chemistry 2	3

SOPHOMORE YEAR

First Semester

Second Semester

ALL COURSES:

English 3	3	English 4	3
Bible 1	1	Bible 2	1
Physical Training 3.....	1	Physical Training 3.....	1

CLASSICAL:

One Ancient Language....	3	One Ancient Language....	3
One Modern Language....	3	One Modern Language....	3
One Science	3	One Science	3
Elective	3	Elective	3

PHILOSOPHICAL:

Two Languages	6	Two Languages	6
One Science	3	One Science	3
Elective	3	Elective	3

SCIENTIFIC:

One Language	3	One Language	3
Chemistry 3	3	Chemistry 4 or 8.....	3
Mathematics 5 and		Mathematics 6, and	
Physics 1, or		Physics 2, or	
Biology 1 and		Biology 2 and	
Elective Science	6	Elective Science	6

Of the above, the choice of optional courses much be for the entire year. No restriction is put upon the electives.

* All philosophical students must complete in College five years of Foreign Language of which three years must be in one language. Latin may be substituted for German or French.

ELECTIVE COURSES OPEN TO SOPHOMORES:

Greek, 1-8, 11, 12	Chemistry 3-8.	History 1, 2, 10.
Latin 3, 4.	Biology 1, 2.	Political Science
German 1-6.	Physics 1-4.	1-4.
French 1-4.	Mathematics 3-13.	Economics 1, 2.
Spanish.		
Italian.		

All electives are three-hour courses.

JUNIOR YEAR

First Semester

Second Semester

CLASSICAL:

English 5	1	English 6	1
History 7	3	History 8	3

Two major courses of the Sophomore year must be continued through the Junior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

PHILOSOPHICAL:

HOURS

HOURS

English 5	1	English 6	1
History 7	3	History 8	3
1 Language	3	1 Language	3
1 Sophomore Course		1 Sophomore Course	
continued	3	continued	3
Electives	6	Electives	6

SCIENTIFIC:

HOURS

HOURS

English 5	1	English 6	1
History 7	3	History 8	3
Physics 3 and		Physics 4 and	
Mathematics 9, or		Mathematics 10, or	
Biology 3 and		Biology 4 and	
Elective Science	6	Elective Science	6
Electives	6	Electives	6

ELECTIVE COURSES OPEN TO JUNIORS:

English 9, 10, 13-16, 19-25.	Chemistry 5-10.	History 1-6.
Greek 5-14.	Biology 1-8.	Political Science 1-6.
Latin 5-8.	Physics 1-7.	Economics 1-8.
German 1-10.	Mathematics 5-18.	Philosophy 1-4.
French 1-10.	Astronomy.	The Bible 4, 6.
Spanish.		
Italian.		

All electives are three-hour courses.

SENIOR YEAR**First Semester****Second Semester**

ALL COURSES:	HOURS	HOURS
English 7	1	English 8..... 1

In all courses one major course of the Junior year must be continued through the Senior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

ELECTIVE COURSES OPEN TO SENIORS:

English 11-25.	Chemistry 9-12.	History 3-6.
Greek 5-14.	Biology 3-10.	Political Science 1-6.
German 3-10.	Physics 3-7.	Economics 1-8.
Latin 5-8.	Mathematics 7-18.	Philosophy 1-4.
French 3-10.	Astronomy.	The Bible 4, 6.
Spanish.		
Italian.		

Students intending to study Theology will be permitted to present as Senior electives Philosophy 1 and 2, and twelve hours of the work of the Junior year at Bexley Hall.

DEPARTMENTS OF INSTRUCTION

ENGLISH

PROFESSOR REEVES

ASSISTANT PROFESSOR HARRISON

1, 2. ENGLISH COMPOSITION. Themes and Oral Exercises. Narration and Description. Exposition and Argument. Required of all Freshmen.

These courses include constant writing based upon personal experience and also upon literary models. After correction, selected themes are delivered orally before the class. Deficiencies in spelling, grammar, punctuation, paragraphing and delivery must be overcome before the student is permitted to enter the later courses in English.

3. ENGLISH PROSE LITERATURE. This course is naturally connected with the written work of the Freshman year, and the critical study of selections in English prose forms the basis of the written exercises. Required of all Sophomores.

4. ENGLISH POETRY. Having mastered the elements of prose composition, the student begins the study of English poetry. In the first half of the semester narrative and descriptive poems are critically read in class; lyric poetry follows in the second half of the semester. Written reports upon the form and contents of selected verses are required. Required of all Sophomores.

All courses three hours unless otherwise stated.

5, 6. ADVANCED COMPOSITION. Exposition and Argumentation. Composition of Essays and Orations. Required of all Juniors. One hour a week.

7. ORATIONS AND DEBATES. One hour a week. Required of all Seniors.

8. SPEAKING AND DRAMATIC EXERCISES. One hour a week. Required of all Seniors.

9. ARGUMENTATION AND DEBATING. An elective for students who desire extended drill in written argumentation and oral delivery. Class debates are held weekly. Public debates are appointed as the instructor may determine. Elective for Juniors.

10. ENGLISH DRAMA. The development of the English drama, from Shakespeare to Sheridan, is studied historically, select plays being read in class, with written reports. Elective for Juniors. Alternate years. Offered in 1915-16.

11. NINETEENTH CENTURY PROSE. A critical study of the prose styles of Macaulay, Carlyle, Newman, Ruskin and Pater. Elective for Seniors. Alternate years. Offered in 1916-17.

12. NINETEENTH CENTURY POETRY. A study with complete texts of the chief works of Tennyson and Browning. Elective for Seniors.

13, 14. OLD ENGLISH and the HISTORY OF THE ENGLISH LANGUAGE.

These courses are historical and philological. Bright's *Anglo-Saxon Reader* is studied in the first and second semester. Emerson's *History of the English Language* is used as a basis for explaining changes in

Odd numerals indicate first semester; even numerals second semester.

sound, syntax, vocabulary and idiom. Elective for Juniors and Seniors.

15. THE ENGLISH ESSAY. Advanced composition, open to students attaining a grade of 1 in English 4. Elective for Juniors and Seniors. Alternate years. Offered in 1916-17.

16. MILTON, AND OTHER SEVENTEENTH CENTURY POETS. Elective for Juniors and Seniors. Alternate years. Offered in 1916-17.

17. THE ENGLISH NOVEL. Elective for Seniors. Alternate years. Offered in 1915-16.

18. AMERICAN LITERATURE. Second Semester. Three hours a week. Elective for Seniors. Alternate years. Offered in 1915-16.

19. CHAUCER, LANGLAND AND WYCLIFFE, FOURTEENTH CENTURY STUDIES. Elective for Juniors and Seniors. Alternate years. Offered in 1915-16.

20. WORDSWORTH, SHELLEY AND KEATS. Elective for Juniors and Seniors. Offered in 1915-16.

21. THE LITERATURE OF ENGLISH POLITICAL IDEAS, FROM WYCLIFFE TO MILL. Elective for Juniors and Seniors. Offered in 1915-16.

23. THE CONTEMPORARY DRAMA. Dickinson's "*Chief Contemporary Dramatists*" is used as a text, and the writing of two one-act sketches is required. Elective for Juniors and Seniors. Offered in 1915-16.

25. SOCIAL AND POLITICAL TRADITIONS IN ENGLISH LITERATURE. Chivalry, Democracy and the Revolutionary Ideal. Elective for Juniors and Seniors. Offered in 1915-16.

All courses three hours unless otherwise stated.

GREEK

PROFESSOR NEWHALL

1, 2. GRAMMAR; *Anabasis*, Book I. Optional for admission to Classical Course. Elective in other courses.

3, 4. *Anabasis*, II-IV; *Iliad*, 1900 lines. Prose composition. Optional for admission to the Classical Course. Elective in other courses.

5. LYSIAS, or Selections from Attic Orators. Prose Composition. Optional for the Classical Course. Courses 1-4 prerequisite.

6. ODYSSEY, Selections or Herodotus. Private life of the Greeks. Optional for the Classical Course.

7. PLATO. *Laches and Apology*. History of Greek Literature (Prose). Optional in the Classical Course. Courses 5 and 6 prerequisite.

8. SOPHOCLES, *Antigone* or *Oedipus Tyrannus*. Aristophanes, *Clouds* or *Frogs*. History of Greek Literature (Poetry). Optional in the Classical Course. Courses 5-7 prerequisite.

9. ÆSCHYLUS. *Prometheus* or *Septem*. Euripides, *Alcestis* or *Medea*. The Greek Drama and Theatre. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

10. SELECTIONS FROM THE LYRIC POETS OR LUCIAN. Greek music and metres. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

Odd numerals indicate first semester; even numerals second semester.

11. HOMER IN ENGLISH. The entire Iliad and Odyssey, with lectures on Homeric Life and the Homeric Question. No knowledge of Greek required. Alternate years. Elective for Sophomores, Juniors and Seniors. Offered in 1916-17.

12. GREEK DRAMA IN ENGLISH. No knowledge of Greek required. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1916-17.

13. HISTORY OF ART. The Minor Arts, Painting and Modern Sculpture. Elective for Juniors and Seniors in all courses. Alternate years. Offered in 1915-16.

14. HISTORY OF ART. Architecture and Ancient Sculpture. Second semester. Elective as 13. Offered in 1915-16.

LATIN

PROFESSOR MANNING

A. VIRGIL. *Æneid*, Books I-VI. Required for admission to Classical Course. Both semesters.

1. LIVY. Instruction in Grammar and in the art of reading Latin. Prose Composition. Optional for Freshmen.

2. LATIN POETS, Selections. Grammar. Prose Composition. Optional for Freshmen.

3. PLINY THE YOUNGER. Letters. Reading at sight. Optional for Sophomores. Courses 1 and 2 prerequisite.

4. HORACE, Selections from the Odes, Satires and Epistles. Study of the poet's life and times. Optional for Sophomores. Courses 1-3 prerequisite.

All courses three hours unless otherwise stated.

5. TACITUS. Selections from the *Histories* or *Annals*. Reading at sight. Study of the first century of the Empire. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1916-17.

6. JUVENAL AND MARTIAL. Study of Roman Private Life. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1916-17.

7. PLAUTUS AND TERENCE. Reading at sight. Study of the history of the Roman Drama. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1915-16.

8. CICERO, *Letters*. Study of the author's life and times. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1915-16.

ROMANCE LANGUAGES

PROFESSOR LARWILL

1. ELEMENTARY FRENCH. Pronunciation, the essentials of grammar, reading of simple prose and translation into French of short English sentences. Books: Fraser and Squair, *French Grammar*; Aldrich and Foster, *A French Reader*.

2. ELEMENTARY FRENCH. Further study of grammar in connection with exercises in composition, reading of Merimée's *Colomba* and two similar texts.

3, 4. SECOND YEAR FRENCH. Reading of several shorter novels and plays by modern authors; composition and conversation.

5, 6. GENERAL SURVEY OF FRENCH LITERATURE and reading of works representative of various import-

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ant movements. Courses 3 and 4, or their equivalent, prerequisite. Offered in 1915-16. Books: Pélissier, *Précis de l'Histoire de la Littérature Française*; Vreeland and Michaud, *Anthology of French Prose and Poetry*.

7, 8. THE LITERATURE OF THE NINETEENTH CENTURY. These courses deal with the historians and philosophers as well as with the novelists and dramatists of the period. Courses 3 and 4, or their equivalent, prerequisite. Offered in 1916-17.

9, 10. FRENCH CONVERSATION. Practice in the use of the language of social intercourse, of business, and of travel; letter writing. Courses 3 and 4, or their equivalent, prerequisite. Books: Kron, *Le Petit Parisien*; Blanchaud, *French Idioms*. Offered in 1917-18.

11. ITALIAN: *First Course*. Pronunciation, grammar, simple composition, reading of easy prose. Books: Grandgent, *Italian Grammar*; Bowen, *Italian Reader*; Fogazzaro, *Peregrinatus*. Offered in 1916-17.

12. MODERN ITALIAN PROSE AND COMPOSITION. Reading of selections from Manzoni, D'Annunzio and Verga; composition. Books: Grandgent, *Italian Composition*; *Italian Short Stories*; Manzoni, *I Promessi sposi*. Offered in 1916-17.

13, 14. SPANISH: *First Course*. Pronunciation, grammar, simple composition, reading of easy prose. Books: DeVites, *Spanish Grammar*; Alarcon, *El Capitán Veneno*; Valdés, *Jose*. Offered in 1915-16.

15, 16. MODERN SPANISH LITERATURE AND COMMERCIAL SPANISH. Reading of representative novels and plays; composition and conversation. Books: Ford,

All courses three hours unless otherwise stated.

Spanish Composition; Echegaray, *O Locura O Santidad*; Galdos, *Doña Perfecta*; Becquer, *Legends, Tales and Poems*; Harrison, *A Spanish Commercial Reader*. Offered in 1915-16.

GERMAN

PROFESSOR WEST

1, 2. ELEMENTARY GERMAN. Pronunciation, essentials of grammar with constant drill on forms, simple prose composition and practice in speaking German; easy German prose and poetry selected from modern authors, with at least one complete longer story.

3. NINETEENTH CENTURY PROSE. Heyse, *Aufang und Ende*; Storm, *Der Schimmelreiter*; Wesselhoeft, *German Exercises*; Thomas, *Practical German Grammar*.

4. NINETEENTH CENTURY POETRY. Scheffel, *Der Trompeter von Säkkingen*; grammar and composition as in 3.

5, 6. STUDIES IN EIGHTEENTH CENTURY LITERATURE. The life and works of the great writers of the century will be studied, with such consideration of their times and contemporaries as may be practicable. Courses 1-4 prerequisite.

7, 8. STUDIES IN NINETEENTH CENTURY LITERATURE. Subjects treated as in 5, 6. Courses 1-4 prerequisite.

9, 10. HISTORY OF GERMAN LITERATURE. A study of the development of German Literature and reading of selections from representative authors of the most important periods. Priest, *A Brief History of German Literature*; Hentschel, Hey and Lyon, *Handbuch zur*

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Einführung in die deutsche Litteratur. Courses 1-4 prerequisite.

Courses 1-4 are given each year. Of courses 5 to 10, one is given each year, determined by the number of students electing it. For 1914-15 Course 5, 6 was elected with Goethe as author; for 1915-16 Course 7, 8, with Grillparzer as the author.

CHEMISTRY

PROFESSOR WEIDA

ASSISTANT PROFESSOR JOHNSON

MR. STEINFELD

1. GENERAL INORGANIC CHEMISTRY. The work is a descriptive study of the common materials, and includes fifty laboratory periods of at least two hours each, besides recitations and personal conferences. Required of Scientific Freshmen (alternative with Physics 1 in other courses). Four hours' credit.

The laboratory work is based on Smith and Hale's laboratory outline. The recitations and conferences are adapted to the work actually being done, with assigned readings in several text-books.

1. (a) The same course as outlined above, with the details changed somewhat for students presenting entrance credits in chemistry.

2. GENERAL INORGANIC CHEMISTRY (CONTINUED). Fifty laboratory periods of at least two hours each, with recitations and conferences as above stated. Extra laboratory periods are arranged for those who desire it. (See Course 6.) This course is a continuation of the above from the same descriptive point of

All courses three hours unless otherwise stated.

view. Especial attention is paid to the useful metals and alloys, their manufacture, their properties and the products they yield. Some work is also done on the detection or analysis of simple compounds. Four hours' credit. Required of Scientific Freshmen (alternative with Physics 2 in other courses.)

3. **QUALITATIVE ANALYSIS.** A course based on the preceding year of inorganic chemistry, beginning with single salts and passing through the methods of chemical analysis while reviewing the chemical reasons for each step. Each student analyzes a number of unknown substances, both solids and liquids. Three double periods each week in the laboratory with frequent conferences and recitations held in the classroom.

NOTE:—When consent of instructor is obtained, the amount of work done in Qualitative Analysis may be increased by those desiring it to six hours' credit.

4. **ORGANIC CHEMISTRY.** A classroom course giving an outline view or descriptive study of the most important compounds of carbon. This course is necessary to those looking forward to the study of medicine, and may be taken immediately after Course 2, if desired.

Laboratory work on Organic preparations is not included in this course, but may be taken at the same time or following as a separate course (see Course 6, 7).

5. **ADVANCED TOPICS IN CHEMISTRY.**

A classroom course open to Juniors and Seniors who have had Courses 1-4. The special subjects vary from

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year to year, and have included the following courses:

(a) Reading of Chemical German (essays and texts). Prerequisite, German as well as Chemistry. Given in 1915-16.

(b) Advanced Organic Chemistry.

(c) Theoretical Chemistry and Calculations. Offered in 1916.

(d) History of Chemistry.

6. CHEMICAL PREPARATIONS. A laboratory course in which the student himself prepares a selected list of materials that are being studied in the descriptive courses. It may thus accompany Courses 2 and 4, or follow these. This work must ordinarily be done in the second semester. Either 3 or 6 hours' credit, according to assignment.

7. CONTINUATION OF COURSE 6. Such a continuation in the first semester is allowed only in exceptional cases; and in each case the consent of the professor must be secured before registration.

8. DESCRIPTIVE MINERALOGY. A course planned to follow Qualitative Analysis (Course 3 prerequisite) and including some of the methods of blowpipe analysis. The course is, however, descriptive, as the name implies, rather than analytical, and may be taken by those desiring information on the common minerals and ores. The description of mineral species requires at the beginning a study of the crystal forms in which they may occur, and of any other physical properties that may be of value in description. Offered in 1916.

9-12. ADVANCED LABORATORY WORK. A course in pure Chemistry for general students; and open only to

All courses three hours unless otherwise stated.

seniors who have previously shown special excellence in Chemistry. Prerequisite: Courses 1-4. The main work will be in Quantitative Analysis, but in some cases special subjects such as medical chemistry may be taken up after sufficient general quantitative work has been done. The work is individual, under the supervision of the professor, and may be taken as a single course for 3 hours' credit, or as a double course for 6 hours' credit.

BIOLOGY

PROFESSOR WALTON

The courses in this department are not only designed for the general student, but also furnish special training for students who expect to study medicine.

1, 2. GENERAL BIOLOGY. This course is intended primarily as an introduction to subsequent courses, and consists of lectures, recitations and laboratory work on selected types of animals and plants. In addition, topics of general interest are considered, such as the constitution of living matter, biogenesis and abiogenesis, the cell theory, variation, adaptation, mimicry, heredity, selection, reaction of organisms, etc. These exercises are supplemented by occasional field excursions. Two laboratory periods of two and one-half hours each and one hour lecture a week. Elective for Sophomores, Juniors and Seniors.

3. COMPARATIVE ANATOMY OF THE VERTEBRATES. Lectures, recitations and laboratory work on vertebrates from *Amphioxus* to Man, with particular atten-

tion to comparisons of the skeletal system, the nervous system, the circulatory system, etc. Text-book, Pratt, *Vertebrate Zoology*. Five hours' laboratory and one hour lecture a week. Elective for Juniors and Seniors. Courses 1-2 prerequisite.

4. HISTOLOGY AND MICROTECHNIQUE. This course is closely correlated with Course 3 of which it forms the continuation. Permanent preparations are made of organs and tissues which have been previously dissected, fixed and placed in alcohol or imbedded in paraffine. Particular attention is paid to the physiologic function of the various groups of cells. The theory of the microscope and methods in microtechnique sectioning, staining, etc., are carefully considered at the beginning of the course. Five hours laboratory and one hour lecture a week. Elective for Juniors and Seniors.

5, 6. NEUROLOGY. A comparative study of the growth and structure of the nervous system in the different groups of animals, with particular attention to the morphology of the central nervous system of the vertebrates. Five hours laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1916-17.

7, 8. EMBRYOLOGY. Lectures, recitations and laboratory work based on a general study of the development of animals from the formation of the egg to the attainment of growth in the adult. Particular attention is given to cytology during the early part of the course. A series of *in toto* preparations and transverse sections from the early stages of the chick are made by each student to be used in subsequent study. Text-

All courses three hours unless otherwise stated.

book: McMurrich or Heisler. Reference books: Minot, Hertwig, Roule, etc. Five hours laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1915-16.

9, 10. **ADVANCED BIOLOGY.** Special laboratory work arranged with reference to the individual needs of the students wishing to devote a maximum amount of time to the study of Biology. Courses 1-4 prerequisite.

PHYSICS AND ASTRONOMY

ASSISTANT PROFESSOR JOHNSON

A. **ELEMENTARY PHYSICS.** A first course designed to acquaint the student with the general content of the science, both historically and in its increasing relation to daily life. It consists of lectures and recitations in which emphasis is placed on the experimental and descriptive, rather than on the mathematical, side of the subject. Primarily for those who do not present elementary physics for entrance. Three lectures and one laboratory period a week. Second semester.

1, 2. **GENERAL PHYSICS.** A course in college physics following Physics A, and entering more into the theory of physical phenomena and the relation between theory and experiment than is possible in the elementary course. The accompanying laboratory work is purely quantitative. Three experimental lectures a week and at least fifty hours of laboratory work each

* For a brief description of the equipment of the Physical Laboratory, see page 21.

Odd numerals indicate first semester; even numerals second semester.

semester. Open to all students who have had Physics A or its equivalent, and who have had or are taking Mathematics 1 and 2.

NOTE:—Of the courses listed below, only a part are offered each year, as indicated by the accompanying dates. They are also so arranged that the advanced laboratory and theoretical courses may be taken in conjunction advantageously, in which case six hours credit will be given, e. g., as follows:

Course 3 with course 7.

Course 4 with course 10.

Course 5 with course 11.

Course 6 with course 12.

Courses 3, 4, 5 and 6 are primarily laboratory courses. Each consists of three laboratory periods a week, of at least two hours each. Occasionally a lecture may be substituted for one of these periods. Prerequisites: Physics 1 and 2, and Mathematics 1 and 2.

3. EXPERIMENTAL MECHANICS. 1916-17.

4. HEAT. A laboratory study of heat effects, changes in volume, thermometry, calorimetry, transfer of heat-energy, the mechanical equivalent of heat, etc. 1916-17.

5. SOUND AND LIGHT. An experimental study of vibrating bodies and wave motion in various media, reflection, refraction, dispersion, color sensation, and polarization. 1915-16.

6. ELECTRICAL MEASUREMENTS. Fundamental electrical units, measurements of resistance, current, electro-motive force, quantity, capacity, self- and mutual-induction. 1915-16.

NOTE:—Courses 7, 8, 10, 11 and 12 are lecture and problem courses with collateral reading. Open to those who have had Physics 1 and 2, and who have had or are taking Mathematics 3 and 4.

All courses three hours unless otherwise stated.

7, 8. THEORETICAL MECHANICS. An elementary course in analytical mechanics. 1916-17.

10. THEORY OF HEAT. An analytical study of heat sources, heat transferences, methods of heat measurement, the Kinetic Theory of Gases, and the thermodynamics of heat engines. 1916-17.

11. THEORY OF LIGHT. A study of the underlying principles of Geometrical and Physical Optics. 1915-16.

12. THEORY OF ELECTRICITY AND MAGNETISM. Electrostatics, electric circuit calculations and the theory of electrical measuring instruments. 1915-16.

13, 14. DYNAMO-ELECTRIC MACHINERY. Direct and alternating current, in theory and practice. A pre-engineering course. Two lectures and one laboratory period a week. Prerequisite: Physics 6 or 12.

15. HISTORY OF PHYSICS. A course of lectures on the leading physicists of all ages and their work. Supplemented with reports on collateral reading. Open to those who have had Physics 1 and 2.

16. ELECTRON THEORY. An advanced course on electrolytic conduction, conduction of electricity through gases, and radioactivity. Lectures and reports on collateral reading. Prerequisite: Physics 11 and 12, and Mathematics 7.

17. DESCRIPTIVE ASTRONOMY. Lectures, recitations and observational work with the equatorial telescope.

18. PRACTICAL ASTRONOMY AND GEODESY. Lectures and laboratory work in the use of astronomical instruments.

Odd numerals indicate first semester; even numerals second semester.

MATHEMATICS AND CIVIL ENGINEERING

PROFESSOR ALLEN

1. PLANE AND SPHERICAL TRIGONOMETRY. Text, *Plane and Spherical Trigonometry with Tables*, Rothrock. Required of all Freshmen not presenting an entrance equivalent.

2. ALGEBRA. Text, *Higher Algebra*, Hawkes. Required of all Freshmen not presenting an entrance equivalent.

3. ANALYTIC GEOMETRY. Text, *Co-ordinate Geometry*. Fine and Thompson. Required of Scientific Freshmen and of others presenting Mathematics 1 for entrance. Elective for Sophomores. Course 1 prerequisite.

4. CALCULUS. Text, *The Calculus*, Davis. Required of Scientific Freshmen and others presenting Mathematics 1 and 2 for entrance. Elective for Sophomores. Course 3 prerequisite.

5, 6. CALCULUS AND ANALYTICAL GEOMETRY. An amplification and extension of Course 4, which is prerequisite, along with the application of the Calculus to Analytic Geometry. Elective for students who have taken Course 4 or its equivalent.

7, 8. DIFFERENTIAL EQUATIONS AND LEAST SQUARES. Text, Murray or Johnson. Course 6 prerequisite. This course is designed primarily for students intending to study engineering and their needs are considered throughout. 1916-17.

9, 10. ANALYTIC MECHANICS. Text, Martin's *Text-Book of Mechanics*, Vols. I, II, III. Given by the Department of Physics. 1916-17.

All courses three hours unless otherwise stated.

11, 12. PLANE SURVEYING. Text, Raymond. Also TOPOGRAPHIC AND RAILROAD SURVEYING.

13. FIELD WORK IN SURVEYING. Courses 11 and 12 continued and applied to concrete problems. Three hundred hours of office and field work given in the six weeks following Commencement.

15. DESCRIPTIVE GEOMETRY. Text, *Descriptive Geometry, with Shades and Shadows and Perspective*, Church. Courses 1 and 2 prerequisite.

16. ELEMENTAL MECHANICAL DRAWING. Seven and one-half hours a week (3 hours' credit).

17, 18. TOPOGRAPHICAL DRAWING AND FREE HAND MACHINE DRAWING. Seven and one-half hours a week (3 hours' credit).

Courses 15 to 18 may be taken simultaneously. Courses 15 to 18 and 11 to 13 will be given in alternate years.

HISTORY

1, 2. MEDIEVAL AND MODERN EUROPEAN HISTORY. The period of history covered extends from the Fall of the Roman Empire and the Great Migrations to the French Revolution. The development of modern, industrial, social and political systems receives careful attention. Robinson's *History of Western Europe* and Trenholm's *Syllabus* are used as texts, but much collateral reading is required. Elective for Sophomores and Juniors. PROFESSOR CAHALL.

3, 4. HISTORY OF THE NINETEENTH CENTURY IN EUROPE. This course covers the history of Europe from the beginning of the French Revolution to the

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present time, special attention being given to the Unification of Germany and of Italy. Elective for Juniors and Seniors. Alternate years. Offered in 1916-17. PRESIDENT PEIRCE.

5, 6. ENGLISH CONSTITUTIONAL HISTORY. The course covers the whole period of the development of the English Constitution. Gardiner, *Student's History*, is used as the basis of the work, with collateral reading and the preparation of essays. Elective for Juniors and Seniors. Courses 1 and 2 prerequisite. Alternate years. Offered in 1915-16. PROFESSOR DEVOL.

7, 8. AMERICAN POLITICAL HISTORY. The period covered extends from the middle of the Eighteenth Century to the end of the Reconstruction period in 1876. Outside reading and the private investigation of assigned subjects form a large part of the course. MacDonald's collection of documents is used extensively. Required of Juniors. PRESIDENT PEIRCE.

10. ROMAN HISTORY. Emphasis is placed upon the later Republican and the Imperial periods. Elective for Sophomores and open to Freshmen. PROFESSOR MANNING.

POLITICAL SCIENCE

1. AMERICAN GOVERNMENT. The national and state systems are discussed in lectures, recitations and debates. The text is Beard's *American Government and Politics* and the readings for the same. Elective for Sophomores, Juniors and Seniors. Offered in 1915-16. PROFESSOR CAHALL.

2. AMERICAN GOVERNMENT. The municipal system and its problems are the subject. Beside a study of the

All courses three hours unless otherwise stated.

functions and needs of the American city attention is given to the organization and administration of European cities. The text is "*The American City*," by W. B. Munro. Elective for Sophomores, Juniors and Seniors. PROFESSOR CAHALL.

3, 4. CONTEMPORARY POLITICS AND THE GOVERNMENTS OF EUROPE. The course analyzes the present governments of Europe in the light of their origin. By a study of the vital problems of Europe since 1870, it attempts to explain the World War. Lectures, discussions and reports upon outside reading. Text, Frederic A. Ogg, *The Governments of Europe*. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1915-16. PROFESSOR CAHALL.

5. CONSTITUTIONAL LAW. McClain, *Constitutional Law in the United States*, supplemented by informal discussions and by reference to the leading authorities and to adjudicated cases. Elective for Juniors and Seniors. PROFESSOR DEVOL.

6. INTERNATIONAL LAW. This course attempts to give an outline of the principles of International Law, using Lawrence's Manual as the text-book. Elective for Juniors and Seniors. PROFESSOR DEVOL.

ECONOMICS AND SOCIOLOGY

PROFESSOR CAHALL

1. ECONOMICS. An introductory course in the principles of Political Economy. Lectures, discussions, recitations. The text is Taussig, *Principles of Economics*. Elective for Sophomores, Juniors and Seniors.

Odd numerals indicate first semester; even numerals second semester.

2. **ECONOMICS.** Continuation of Course 1. Modern industrial and financial problems including advertising, transportation, etc., are studied in the light of economic theory. Economics I prerequisite. Elective for Sophomores, Juniors and Seniors.

3. **INDUSTRIAL DEVELOPMENT.** The evolution of the industrial systems of England and the United States forms the subject of this course. The factory system and its problems receive special attention. The text is Gibbins' *Industry in England*. Elective for Juniors and Seniors who have taken Courses 1 and 2. Offered in 1915-16.

4. **THE LABOR PROBLEM.** A study of the development and present policies of combinations of labor and capital. Much attention is also given to socialism and to the immigration question. Elective for Juniors and Seniors who have taken Courses 1 and 2. Offered in 1915-16.

5. **MONEY AND BANKING.** The topics treated are: The theory of money, the present monetary system of the United States, the principles of banking, the present National and State banking systems of the United States and Ohio. Text-book, assigned readings, special reports and a semester paper. Elective for Juniors and Seniors who have taken Economics 1 and 2. Alternate years. Offered in 1916-17.

6. **INDUSTRIAL MANAGEMENT.** A study of different types of industry; methods of shop management; systems of wages; cost factors. Lectures, reports, and investigation of problems. Elective for Juniors and

Seniors who have taken Economics 1 and 2. Offered in 1916-17.

7. SOCIOLOGY. Introduction to the study of society. The nature of society, the basis of association, the classes of societies, social structure, social processes and social developments are the topics treated. Gidding's *Elements* is used as a guide. Elective for Juniors and Seniors. Alternate years. Offered in 1916-17.

8. GOVERNMENT CONTROL OF SOCIAL PROBLEMS. A study of the organization of municipalities for the performance of social functions. The methods and the agencies used by cities in sociological work are treated with considerable care. Elective for Juniors and Seniors. Alternate years. Offered in 1916-17.

MENTAL AND MORAL PHILOSOPHY

1. PSYCHOLOGY. The course in Psychology consists of one lecture and two recitations each week. Witmer's *Analytical Psychology* is used as a text-book, while in the lectures an effort is made to correlate the views of the older schools of psychologists with the recent views of Loeb, Jennings, etc., concerning the dynamics of living matter. Elective for Juniors and Seniors. PROFESSOR WALTON.

2. LOGIC AND ETHICS. A small handbook is used as the basis of work in Logic, with lectures based on Lotze and Welton. The second half of the semester is devoted to a study of the history and theory of ethics, with Mackenzie and Sidgwick as the text-book. Elective for Juniors and Seniors. PROFESSOR DEVOL.

3. HISTORY OF PHILOSOPHY. A brief but systematic and critical outline of Ancient, Mediæval and early Modern Philosophy is presented. The text used is Cushman, *A Beginner's History of Philosophy*. Elective for Juniors and Seniors. Alternate years. Offered in 1915-16. PRESIDENT PEIRCE.

4. METAPHYSICS. On the foundation furnished by Course 3 a more thorough study of particular systems of Philosophy is pursued. The critical philosophy of Kant and the present situation in philosophy are given special attention. Course 3 prerequisite. Elective for Juniors and Seniors. Alternate years. Offered in 1915-16. PRESIDENT PEIRCE.

THE BIBLE

PROFESSOR SMYTHE.

1. INTRODUCTION TO THE BIBLE. The student is given a good deal of information regarding the composition of the books of the Bible, their transmission, the canon, textual criticism, translations, etc. In the latter part of the semester the history of the Hebrew people is studied in outline. One hour a week. Required of Sophomores.

2. THE LIFE OF OUR LORD. An effort is made to present to the student a clear picture of the Master, His character, ideals and work. The Gospel according to St. Mark is the basis of this study. One hour a week. Required of Sophomores.

4. THE RELIGION OF ISRAEL. An introductory course. Kent's Historical Bible is used, lectures are given, and a considerable amount of outside reading is

All courses three hours unless otherwise stated.

required. Elective for Juniors and Seniors. Alternate years. Offered in 1915-16.

6. THE ETHICAL TEACHING OF JESUS CHRIST. A study of the principles enounced by Christ, and of their application to modern conditions and problems. Elective for Juniors and Seniors. Alternate years. Offered in 1916-17.

HYGIENE AND PHYSICAL TRAINING

ATHLETIC DIRECTOR KELLEHER.

1. HYGIENE. A course of weekly lectures on physiology and personal hygiene is delivered in the autumn to the members of the Freshman class, who are required to be present.

The Director of the Gymnasium gives each student a thorough physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. Special exercises are prescribed for correcting the physical defects shown by the chart.

2. PHYSICAL TRAINING. Class exercises: Military drill, setting-up drill and Indian club swinging. Squad exercises (graded to suit the strength of each squad); indoor athletics and chest weights. Required of Freshmen twice a week from December to April.

Odd numerals indicate first semester; even numerals second semester.

3. PHYSICAL TRAINING. Class exercises: Dumbbells. Squad exercises: indoor athletics, parallel bars and swinging rings. Required of Sophomores twice a week from December to April.

GENERAL INFORMATION

MATRICULATION

Each student on entering College is assigned to a member of the Faculty who acts as his special adviser in all matters pertaining to his College work and life.

A student is admitted to matriculation when he has sustained a satisfactory probation, as described on page 36. Matriculation gives accredited membership in the Institution, entitles the student to an honorable dismissal and is essential to his obtaining a degree. The public exercise of matriculation occurs shortly after Thanksgiving recess. Each student then signs the following obligation:

We, the subscribers, undergraduates of Kenyon College, being now admitted to the rite of matriculation, do promise, each for himself:

1. That we will faithfully observe and obey the laws and regulations of the College, and all authoritative acts of the President and Faculty, so long as we are connected with the College; and as far as may be in our power, on all occasions we will give the influence of our good example and precept to induce others in like circumstances to do the same.

2. As faithful sons of Kenyon College, we will render to her as our Alma Mater, at all times and on all occasions, due honor and reverence, striving to promote her welfare by all proper means, and abstaining carefully from all things that may tend to impair her influence or limit her usefulness as a seminary of learning.

BACCALAUREATE DEGREES

The degrees of Bachelor of Arts, Bachelor of Philosophy and Bachelor of Science are conferred upon the completion of the classical, philosophical, and scientific courses respectively.

Final Honors

Honors at graduation are conferred in the order of rank upon students whose average grade for the entire course is $1\frac{1}{2}$ or higher. The names of honor men are announced at the Commencement exercises and are printed in the annual catalogue.

Students are graded in all subjects on the scale of 5, 1 standing for the highest rank or excellent work. A grade of 3 is required for passing. When the average of all marks for the college course yields a result of $1\frac{1}{2}$ or less, graduation honors are awarded.

For a grade of 1 in any course an extra credit of one-sixth is allowed; thus, a grade of 1 in a three-hour course counts $3\frac{1}{2}$ hours toward graduation.

The Phi Beta Kappa Society

At seventy-one American colleges and universities chapters of the Phi Beta Kappa Society are at present established. The society was organized to encourage and to recognize excellence in scholarship, and high standing is an essential condition for admission. The fraternity established the Beta Chapter of Ohio at Kenyon College in 1858. Undergraduates may be elected at the end of the Junior and of the Senior year.

THE DEGREE OF MASTER OF ARTS

Graduates of Kenyon College, or of some other institution of equal standing, pursuing non-technical or non-professional courses in any accredited institution

of learning, may be admitted as candidates for the degree of Master of Arts by vote of the College Faculty. Each candidate shall be assigned to the oversight of some member of the College or Seminary Faculty, who shall be director and judge of his work. This work shall consist of courses of graduate study closely related to the work comprised in the curriculum of Kenyon College and equivalent in amount to the studies of a full college year of fifteen hours per week, and shall include the completion and presentation of a thesis embodying the results of this work. This thesis shall be presented not later than May 15, and must be approved by the Director and two other members of the Faculty.

The fee charged for the Master's degree is \$25.00, of which \$20.00 must be paid on admission as candidate and \$5.00 accompanying transmission of the thesis.

This degree may be also conferred *honoris causa* upon men of good attainments in literature, science, history or philosophy, who shall submit theses or essays or published works indicative of such attainments.

Further, this degree may be conferred on graduates of Bexley Hall who are graduates of Kenyon College or of some other institution of equal standing, who shall fulfill the requirements regarding the thesis as stated above and shall accompany the transmission of the same with the payment of the fee of \$5.00.

HOODS

The American intercollegiate system of academic costume has been adopted. For the Bachelor's degree the hood is black in color and not exceeding three feet in length. It is of the same material as the gown and lined with mauve silk, the College color. The binding or edging, not more than six inches in width, is distinctive of the faculty to which the degree pertains, as

follows: Arts, white; Theology, scarlet; Law, purple; Philosophy, dark blue; Science, gold yellow. The hood for the Master's degree is the same shape as the bachelor's but one foot longer. The Doctor's hood is of the same length as the Master's, but has panels at the sides.

EXAMINATIONS

Final examinations are held at the end of each semester and cover the work of the half year.

Students are required to take final examinations in all subjects. Any student absenting himself from such examinations is required to repeat the subject in class and is not allowed to make it up by examinations.

Since 1901 all examinations have been held under an honor system, which has achieved excellent results. The following resolutions adopted by joint action of students and faculty describe the system:

Resolved, That, subject to confirmation by the Faculty and the Assembly, all examinations, whether original or conditional, and all tests and written lessons shall be conducted in accordance with the principles of the Honor System; and,

That the Honor System shall be conducted as follows:

1. A committee of seven men, representing each division of the student body and made up of three Seniors, two Juniors, one Sophomore and one Freshman, shall be elected at the first Assembly meeting of each year.

2. The duties of the committee shall be (a) to draw up rules to govern the examinations of each year; (b) to investigate any case of suspected violation of the principles of the Honor System, and to recommend to the Faculty for expulsion any student found guilty of such violation.

3. No instructor shall remain in the room where examinations, tests, or written lessons are being held, unless by special request of the class; and,

That every student taking work in the College shall sign the following honor pledge, which shall be binding at all examinations, tests, or written lessons, to-wit:

(Pledge.) In view of the introduction of the Honor System of examinations I pledge myself to support that system to the utmost of my ability, and not only myself to act in accordance with what I conscientiously believe to be its spirit, but also to encourage others to do the same and strongly to discountenance any violation of it.

CONDITIONS

A student whose grade falls below the passing standard of 3, and is expressed by the mark of 4, is given only two-thirds credit in that subject; thus, a grade of 4 in a three-hour course counts only two hours toward graduation. If, however, only the examination grade falls below the passing standard the student is given an opportunity to remove the condition and gain full credit by passing another examination.

This examination for the removal of conditions is held not later than the middle of the following semester.

RELIGIOUS SERVICES

Morning prayers are said daily in the College church. The Holy Communion is celebrated every Sunday at half past seven in the morning and also at half past ten on the first Sunday of the month. On Saints' Days the Holy Communion is celebrated at a quarter past nine in the morning. The choir is composed of College students.

Students are required to be present at Morning Prayers every day and at the Church service on Sunday morning and the chief Holy Days.

Every absence from or tardiness at Morning Prayers gives one mark for absence, and every absence from or tardiness at a Church service at which attendance is required gives two marks. A student is allowed thirty-five marks a semester, and is suspended for the remainder of the semester if he exceeds that number. No application for excuse on any ground whatever is received from the student.

DISCIPLINE

Regularity in the performance of all College duties is insisted upon, and any student who persistently neglects his work is required to leave College.

The Faculty reserves the right to suspend or remove any student whenever it believes that the interests of the College require such action.

A committee of seven Seniors elected by the student body assumes the responsibility of maintaining discipline in the College dormitories. It is the duty of this committee to preserve good order and to enforce the rule of Trustees and Faculty which strictly forbids the keeping of intoxicating liquor on the College premises. The committee holds frequent meetings and meets once a month with the President of the College.

EXPENSES

The necessary expenses of a student including table board, laundry, books and all College fees amount as a rule to between one hundred and fifty to two hundred dollars for each semester. A list of the College fees follows:

Entrance fee	\$ 5 00
Tuition, per annum.....	75 00
Incidental fee, per annum.....	10 00
Library and Reading Room, per annum.....	3 00
Gymnasium fee, per annum.....	3 00
Room rent, per annum.....	\$20 00 to \$50 00
Heat, per annum.....	10 00 to 30 00
Diploma fee	5 00

For laboratory courses in the departments of chemistry, physics and biology, a fee of \$5.00 a semester is charged.

Each student must keep on deposit with the Treasurer \$5.00 as security for damages. Any balance is returned at the close of the year.

College dues are payable in two equal installments, one of which is due near the beginning of each semester. The following rule of the Board of Trustees regulates the payment:

All students are required to pay their term bills in advance. Any student whose term bill shall not have been paid within two weeks after the date of its issue from the Treasurer's office will be suspended from all College privileges until payment has been made. If the bill shall remain unpaid at the end of the semester, the suspension will become final.

DORMITORY ROOMS

Old Kenyon and Hanna Hall, the College dormitories, are handsome, convenient buildings, with the most modern systems for heating and plumbing. The charge for rent and heat varies from \$1 to \$2 a week. The rooms are heated by steam and are finished in hardwood. Furniture must be provided by the student.

All students room in the College dormitories except upon special permission from the President. Rooms are assigned from the President's office.

New students should apply for rooms at least several weeks before the opening of the College year. At present the buildings are so full that early application is necessary to secure a room.

Second-hand furniture can often be bought to advantage from students who are leaving College or through the Superintendent, John Parker, to whom inquiries for furniture should be addressed.

THE COLLEGE COMMONS

By the co-operation of Trustees and Alumni a College Commons was opened in 1912. Gifts in June, 1915, from Samuel Mather, David Z. Norton, James H. Dempsey and William G. Mather provided for the enlargement and improvement of the Commons building. Dining and lounging-rooms are now ample and attractive and the entire equipment is thoroughly modern. The Commons furnishes excellent board at cost and provides a ground of meeting for all of the men in College.

All students are required to pay a Commons fee of \$10 a semester. The price of board in addition to this fee is \$3.50 a week, payable strictly in advance.

By action of the Board of Trustees all students receiving scholarship concessions of any kind whatever are required to board at the Commons.

STUDENT ORGANIZATIONS

The literary societies, the Philomathesian, founded in 1827, and the Nu Pi Kappa, founded in 1832, are actively maintained. Weekly meetings are held by both societies, and one or more debates with other colleges are arranged each year. Interest is further stimulated by the intersociety debates for the Stires Prizes. By gifts from the Alumni, the society rooms in Ascension Hall are handsomely finished in carved oak, with beamed and paneled ceilings and elaborate window and door casings.

The student publications are the *Collegian*, which appears three times a month during the college year, and the *Reveille*, published annually by the Junior class.

The management of all athletic, musical, dramatic and other interests is vested in the Kenyon College Assembly, the corporate organization of the student body.

REGISTER OF STUDENTS, 1915-1916

SENIOR CLASS

HERMANN DIETRICH ALBRIGHT, <i>Philosophical</i>	Massillon	21 S. D., Hanna Hall
REX JONATHAN BALLARD, <i>Philosophical</i> 60	W. W., Old Kenyon Findlay	
HARVEY HAY BEMIS, <i>Classical</i>	Gambier	
ROBERT ANDREW BOWMAN, <i>Literary</i> *..... 41	S. D., Hanna Hall Greenville	
BIRCH LEIGHTON BROWN, <i>Literary</i> *.....40	W. W., Old Kenyon Dayton	
PORTER BRECK HALL, <i>Scientific</i> 7	M. D., Hanna Hall Kenmore, N. Y.	
CHARLES EDWIN KINDER, <i>Philosophical</i> 59	W. W., Old Kenyon Findlay	
ARTHUR SIDNEY KING, <i>Classical</i> 12	M. D., Old Kenyon Fremont	
ROBERT FABER McDOWELL, <i>Philosophical</i>	Bexley Hall Cleveland	
NATHANIEL RUE HIGH MOOR, <i>Philosophical</i>	Gambier	
MILTON GEORGE NICOLA, <i>Philosophical</i>	Bexley Hall Ravenna	
DONALD RUHL SMITH, <i>Scientific</i> 39	W. W., Old Kenyon Elyria	
BERNARD HOWARD STEINFELD, <i>Scientific</i> 2	S. D., Hanna Hall East Liverpool	
JOSEPH STAFFORD TROTTMAN, <i>Classical</i> 18	N. D., Hanna Hall Milwaukee, Wis.	
GOWAN CLARENCE WILLIAMS, <i>Philosophical</i>	19 W. W., Old Kenyon Sault Ste. Marie, Mich.	

* For requirements for the Literary Course see catalogue for 1912-13.

JUNIOR CLASS

CLARENCE JAMES ADER, <i>Literary</i>	19	M. D., Hanna Hall Newport, Ky.
DONALD GRAY ALLEN, <i>Philosophical</i>	6	E. D., Old Kenyon Cleveland
LUCIAN VESPASIAN AXTELL, <i>Literary</i>	21	E. W., Old Kenyon New York City
ROBERT LEE BAIRD, <i>Literary</i>	2	S. D., Old Kenyon Newark
THOMAS WICKHAM CHRISTIAN, <i>Scientific</i> , 6	E. D., Old Kenyon Norwalk	
FREDERICK REID CROSS, <i>Literary</i>	21	E. W., Old Kenyon Houghton, Mich.
THOMAS ELLIOTT DAVEY, JR., <i>Philosophical</i>		Columbus 42 E. W., Old Kenyon
SAMUEL JOHNSTON DAVIES, <i>Philosophical</i> , 48	E. D., Old Kenyon Piqua	
ELRICK B. DAVIS, <i>Philosophical</i>	32	M. D., Old Kenyon St. Charles, Ill.
FREDERICK BROWN DECHANT, <i>Scientific</i>	22	E. W., Old Kenyon Middletown
ROY ELLICOTT DEPRIEST, <i>Classical</i>		Bexley Hall Cleveland
JAMES PERNETTE DEWOLF, <i>Classical</i>	27	M. D., Hanna Hall Rosedale, Kans.
RALPH JOSEPH DOLL, <i>Scientific</i>	41	E. W., Old Kenyon Canton
FLOBENTINE FRANCIS ECKERLE, <i>Literary</i> , 1	E. W., Old Kenyon Toledo	
WALTER HENRY ENDLE, <i>Scientific</i>	25	S. D., Hanna Hall Bellevue
EDSON W. FORKER, <i>Scientific</i>	25	S. D., Hanna Hall Mercer, Penna.
JAMES RUSHWORTH GOODWIN, <i>Classical</i>	22	S. D., Hanna Hall East Liverpool
HERBERT SPRAGUE HAMILTON, <i>Scientific</i>	22	E. W., Old Kenyon McArthur

JOHN LARCOMB, <i>Literary</i>	13	N. D., Hanna Hall Columbus
ALEXANDER RANKIN MCKECHNIE, <i>Philosophical</i>		St. Paul, Minn. 47 E. D., Old Kenyon
JAMES EDWIN CAMPBELL MEEKER, <i>Literary</i> , 38 N.D., Hanna Hall		Columbus
RALPH EMERSON MORTON, <i>Literary</i>	20	W. W., Old Kenyon Mt. Vernon
LE ROY WASHINGTON PILCHER, <i>Philosophical</i>		McArthur 5 S. D., Hanna Hall
HERBERT TOWLE PERRIN, <i>Classical</i>	60	W. W., Old Kenyon Cleveland
RODNEY GARFORD ROCKWOOD, <i>Scientific</i>	6	E. D., Old Kenyon Elyria
CLIFFORD ULMAN SADLER, <i>Literary</i>	22	S. D., Hanna Hall Lakewood
JAMES ATLEE SCHAFER, <i>Literary</i>	42	E. W., Old Kenyon Cleveland
EDWARD ROHM SEESE, <i>Scientific</i>	32	M. D., Hanna Hall Maumee
FRANCIS BERTON SHANER, <i>Classical</i>	31	E. D., Old Kenyon Toledo
FRANK ST. CLAIRE SHOFFSTALL, <i>Philosophical</i>		Bellevue 34 W. D., Old Kenyon
JAMES HAROLD STEVENS, <i>Scientific</i>	52	W. D., Old Kenyon Ann Arbor, Mich.
PHILIP WOLCOTT TIMBERLAKE, <i>Classical</i>	8	M. D., Old Kenyon Steubenville
PHILIP EDWIN TWIGG, <i>Literary</i>	40	W. W., Old Kenyon Union City, Ind.
DONALD HUBERT WATTLEY, <i>Classical</i>	37	N. D., Hanna Hall Evanston, Ill.
FREDERICK SHEPHERD WEIDA, <i>Classical</i>		Gambier
EDWIN CHARLES WELCH, <i>Scientific</i>	25	E. D., Old Kenyon Athens

WILLIAM JAMES WHITE, <i>Classical</i> 14	W. D., Old Kenyon Blairsville, Penna.
ATLEE WISE, <i>Scientific</i> 34	N. D., Hanna Hall Akron

SOPHOMORE CLASS

RALPH NELSON ANDREWS, <i>Scientific</i> 56	W. D., Old Kenyon Huntington, W. Va.
ROBERT COGLAND BARRON, <i>Scientific</i> 27	E. D., Old Kenyon Coshocton
CARL RICHARD BRICK, <i>Scientific</i> 55	W. D., Old Kenyon Painesville
WARREN HASKELL CATT, <i>Scientific</i> 41	E. W., Old Kenyon Lima
CHARLES HARRIS CLARK, <i>Classical</i> 1	E. W., Old Kenyon Franklin, Penna.
LELAND HOBART DANFORTH, <i>Classical</i> 5	S. D., Hanna Hall Park Ridge, Ill.
ALFRED DAY, JR., <i>Philosophical</i> 20	W. W., Old Kenyon Steubenville
MARION DREXEL DOUGLASS, <i>Classical</i> 25	S. D., Hanna Hall Mansfield
HENRY SMITH DOWNE, <i>Philosophical</i> 13	N. D., Hanna Hall Canton
THOMAS THORPE ELLSWORTH, <i>Philosophical</i>	Bowling Green 60 W. W., Old Kenyon
TODD MEARL FRAZIER, <i>Philosophical</i> 28	M. D., Hanna Hall Lima
WILLIAM HARRISON GALBERACH, <i>Philosophical</i>	Lima 28 M. D., Hanna Hall
JOHN WILLIAM GREGG, <i>Philosophical</i> 21	E. W., Old Kenyon Minneapolis, Minn.
ANTHONY WILLAMOND HELEN, <i>Philosophical</i>	Gambier
HARLEY WAYNE HOFFMAN, <i>Scientific</i> 55	W. D., Old Kenyon Circleville
HAROLD FREDERICK HOHLY, <i>Philosophical</i> , 27	E. D., Old Kenyon Toledo

LEWIS MARSHALL HURXTHAL, <i>Scientific</i> , 16 W. D., Old Kenyon Mansfield	
CHARLES CARSON JORDAN, <i>Classical</i> 39 W. W., Old Kenyon Steubenville	
BRYANT CHAMBERS KERR, <i>Philosophical</i> Centerburg	
WILLIAM WOOD LEONARD, <i>Philosophical</i> 2 E. W., Old Kenyon Piqua	
ADDISON CARLYLE LEWIS, <i>Philosophical</i> 59 W. W., Old Kenyon Steubenville	
CHARLES COOK LOWRY, <i>Philosophical</i> 38 N. D., Hanna Hall Evanston, Ill.	
PIERRE BUSHNELL MCBRIDE, <i>Classical</i> 47 E. D., Old Kenyon Toledo	
RAYMOND ARTHUR MCKINSTRY, <i>Classical</i> 32 M. D., Hanna Hall Chanute, Kans.	
RICHARD WILLIAMS MAXWELL, <i>Philosophical</i> 22 S. D., Hanna Hall Mansfield	
DOUGLAS GRANT MELDRUM, <i>Philosophical</i> 48 E. D., Old Kenyon Cleveland	
WILLIAM VINCENT MUELLER, <i>Classical</i> 21 S. D., Hanna Hall Chilton, Wis.	
OWEN JEFFERSON MYERS, <i>Scientific</i> 12 M. D., Hanna Hall Toledo	
ARTHUR BENJAMIN PARKER, <i>Philosophical</i> Gambier	
AYDEN ARBERT REMY, <i>Philosophical</i> 16 W. D., Old Kenyon Mansfield	
ROBERT HODGSON SANBORN, <i>Philosophical</i> 57 N. D., Hanna Hall East Cleveland	
ALLEN DWIGHT SAPP, <i>Philosophical</i> 2 E. W., Old Kenyon Mt. Vernon	
HAROLD BAKER SMITH, <i>Scientific</i> Bexley Hall Bedford	
JAMES WENDELL SOUTHARD, <i>Philosophical</i> ..19 W. W., Old Kenyon Toledo	
ROLLO WILLIAM STEVENS, <i>Philosophical</i> 28 N. D., Hanna Hall Columbus	

LUTHER HEISLER TATE, <i>Classical</i>	12	M. D., Hanna Hall Emporium, Penna.
JAMES SMITH TODD, <i>Philosophical</i>	34	N. D., Hanna Hall Cincinnati
NOBLE VAN VOORHIS, <i>Philosophical</i>	18	N. D., Hanna Hall Canton
CORRAL WORTHINGTON WELLMAN, <i>Classical</i>		Gambier
CHARLES DAVID WILLIAMS, JR., <i>Classical</i>	5	S. D., Hanna Hall Detroit, Mich.
EARL MCKINLEY WOOD, <i>Scientific</i>	12	M. D., Old Kenyon Fremont

FRESHMAN CLASS

LAFAYETTE ABBOTT, <i>Scientific</i>	10	M. D., Old Kenyon Lancaster
CHARLES DAVID WILLIAMS, JR., <i>Classical</i>	5	S. D., Hanna Hall Bellevue
JAMES WHITCOMB BEACH, <i>Philosophical</i>	5	S. D., Hanna Hall Coshocton
BYRON COLEMAN BIGGS, <i>Philosophical</i>		Gambier
EUGENE GROVE CARPENTER, <i>Philosophical</i>	36	W. D., Old Kenyon Kenton
WILLIAM LARWILL CARR, <i>Scientific</i>	42	E. W., Old Kenyon Mansfield
JOSEPH EMERSON CARTER, <i>Classical</i>	15	W. D., Old Kenyon Cleveland
JOHN JONAS CHESTER, JR., <i>Classical</i>	37	N. D., Hanna Hall Columbus
CHESTER SAMUEL DANFORTH, <i>Classical</i>	22	S. D., Hanna Hall Park Ridge, Ill.
FLETCHER MARSH DEVIN, <i>Philosophical</i>	1.	E. W., Old Kenyon Mt. Vernon
JOHN FENDALL DUDLEY, <i>Scientific</i>	1	E. W., Old Kenyon Washington, D. C.
WILLIAM KENNETH EDWARDS, <i>Philosophical</i> ..	25	E. D., Old Kenyon Findlay
REGINALD FARRAR EMMONS, <i>Philosophical</i>	37	N. D., Hanna Hall Boston, Mass.

JOSEPH KARNS GARRETSON, <i>Philosophical</i>	41	E. W., Old Kenyon Lima
WALTER SCOTT GORDON, <i>Classical</i>	31	M. D., Old Kenyon Cleveland
FRANK RICHESON GUNN, <i>Scientific</i>	45	E. D., Old Kenyon Toledo
LELAND CECIL GUNN, <i>Philosophical</i>	5	E. D., Old Kenyon Toledo
RAYMOND JAMES HARKINS, <i>Classical</i>	51	M. D., Old Kenyon Cuyahoga Falls
HERBERT WILLIAM HARKNESS, <i>Scientific</i>	25	S. D., Hanna Hall Norwalk
ROBERT U. HASTINGS, <i>Scientific</i>	10	M. D., Old Kenyon Lancaster
ROY HECK, <i>Classical</i>	7	M. D., Hanna Hall Ironton
ROMAYNE BRADFORD HILL, <i>Philosophical</i>	15	W. D., Old Kenyon Tacoma, Wash.
RUDOLPH RIFE KNODE, <i>Scientific</i>	2	E. W., Old Kenyon Richmond, Ind.
FRANK BERTOLETTE LEONARD, <i>Philosophical</i>		Danville
MORRIS VICKERS LIEPMAN, <i>Philosophical</i>	31	M. D., Hanna Hall Pittsburg, Kans.
ROBERT LINCOLN LOWRIE, <i>Philosophical</i>	47	E. D., Old Kenyon Toledo
CHARLES MCGUIRE, <i>Philosophical</i>	31	M. D., Old Kenyon Cleveland
CARTER SMART MILLER, <i>Philosophical</i>	56	W. D., Old Kenyon Bay City
WILLIAM ADDISON PARK, <i>Scientific</i>	21	E. W., Old Kenyon Franklin, Penna.
EDWARD BENJAMIN PEDLOW, <i>Philosophical</i>		
.....	51	M. D., Old Kenyon Ravenna
WILBUR EVERETT POSTLE, <i>Scientific</i>	18	N. D., Hanna Hall Shepard
HERBERT BRUCE PUFFER, <i>Philosophical</i>	42	E. W., Old Kenyon Minneapolis, Minn.

FRANCIS EDWARD ROGERS, <i>Classical</i>	19 M. D., Hanna Hall
Portishead, Eng.	
AARON BURT CHAMPION ROWE, <i>Philosophical</i>	
.....	57 N. D., Hanna Hall
Cincinnati	
NORMAN PRIME SANBORN, <i>Scientific</i>	57 N. D., Hanna Hall
Cleveland	
WALTER JACOB SAPP, <i>Philosophical</i>	
Brinkhaven	
GEORGE BENJAMIN SCHNEIDER, <i>Philosophical</i>	
.....	27 M. D., Hanna Hall
Hartland, Wis.	
PAUL FEHR SEIBOLD, <i>Scientific</i>	
Mt. Vernon	
CHARLES WILFORD SHEERIN, <i>Classical</i>	60 W. W., Old Kenyon
Boston, Mass.	
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Troy	
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Cleveland	
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Tiffin	

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DOUGLAS ROSS TODD.....		Bexley Hall Gambier
ROY ZEMAN.....	31	M. D., Old Kenyon East Cleveland

SUMMARY

Seniors	15
Juniors	38
Sophomores	41
Freshmen	50
Special Students	7
Total	151

THE EIGHTY-SEVENTH COMMENCEMENT

SATURDAY, JUNE 12

Address at the Alumni Library, by James M. Taylor, D.D., LL.D., ex-President of Vassar College, on "The Fears of the Fathers in Framing the Constitution."

SUNDAY, JUNE 13

Morning Service.—Sermon by the Very Rev. H. P. Almon Abbott, D.D., Dean of Trinity Cathedral, Cleveland. Ordination to the Diaconate by the Bishop of Ohio.

Evening Service.—Baccalaureate Sermon by the Rev. William F. Peirce, L.H.D., D.D., President of Kenyon College.

MONDAY, JUNE 14

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June 14, 1915

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PUBLICATIONS

The Kenyon College Bulletin is issued quarterly by the College. Numbers include catalogues of the collegiate and theological departments, alumni address lists and accounts of proceedings at Commencement. Copies may be obtained on addressing the office of the President.

The Kenyon Book, edited by the late President of Kenyon College, the Rev. William B. Bodine, D.D. This octavo volume of over 400 pages contains a large amount of interesting and important historical matter and is illustrated with numerous views. Copies can be obtained on remitting \$1.50 to the Treasurer of Kenyon College.

Songs of Kenyon. This volume contains about 150 songs distinctive of Kenyon College, most of which were composed by Kenyon men. This book is handsomely gotten up and contains a number of attractive views of the College buildings. The price is \$2.00. Copies can be obtained upon addressing the editor, Alfred K. Taylor, 165 Broadway, New York City.

The Reveille, is the annual publication of the student body. The business manager of the '16 Annual is J. A. Schafer.

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1916/17

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NUMBER 51

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THE COLLEGE
CATALOGUE
1916 - 1917

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PUBLISHED QUARTERLY BY
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GAMBIER, OHIO

KENYON COLLEGE BULLETIN NO. 51

KENYON COLLEGE CATALOGUE

1916-1917



GAMBIER, OHIO
PUBLISHED BY THE COLLEGE
1916

Calendar 1917

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Calendar 1918

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COLLEGE CALENDAR

1916-1917

FIRST SEMESTER

- Sept. 20—Wednesday Registration of new students, Ascension Hall, 2 P. M. College opens with Evening Prayer at 5.
- Oct. 3—Tuesday Bexley Hall opens with Evening Prayer, at 5.
- Nov. 1—Wednesday All-Saints' Day. Founders' Day.
- Nov. 27-29—Mon.-Wed. Mid-Semester examinations for new students.
- Nov. 30-Dec. 3—Thur.-Sun. Thanksgiving Recess.
- Dec. 16—Saturday Christmas Recess begins.
- Jan. 2—Tuesday College opens with Morning Prayer at 7:45.
- Jan. 31—Wednesday Semester examinations begin.
- Feb. 5—Monday First semester ends.

SECOND SEMESTER

- Feb. 9—Friday Second semester begins with Morning Prayer at 7:45.
- Feb. 21—Wednesday Ash Wednesday.
- April 5—Thursday Easter Recess begins.
- April 12—Thursday College opens with Morning Prayer at 7:45.
- May 17—Thursday Ascension Day.
- June 11—Monday Semester examinations begin.
- June 18—Monday Eighty-ninth Commencement.

1917-1918

FIRST SEMESTER

- Sept. 19—Wednesday Registration of new students, Ascension Hall, 2 P. M. College opens with Evening Prayer at 5.
- Oct. 2—Tuesday Bexley Hall opens with Evening Prayer at 5.
- Nov. 1—Thursday All Saints' Day. Founders' Day.
- Nov. 26-28—Mon.-Wed. Mid-Semester examinations for new students.
- Nov. 29-Dec. 2—Thurs.-Sun. Thanksgiving Recess.
- Dec. 19—Wednesday Christmas Recess begins.
- Jan. 2—Wednesday College opens with Morning Prayer at 7:45.
- Jan. 30—Wednesday Semester examinations begin.
- Feb. 4—Monday First semester ends.

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Bishop of Southern Ohio

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President of Kenyon College

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MR. RALPH T. KING, Cleveland.....	1921
MR. WILLIAM G. MATHER, Cleveland.....	1922
THE RT. REV. THEODORE I. REESE, D.D., Columbus.....	1922

ELECTED BY THE ALUMNI UNDER ARTICLE V

	TERM EXPIRES
THE HON. T. P. LINN, LL.D., Columbus.....	1917
DR. FRANCIS W. BLAKE, Gambier.....	1917
THE REV. JAMES TOWNSEND RUSSELL, Brooklyn, N. Y.....	1918
ALONZO M. SNYDER, ESQ., Cleveland.....	1918
JAMES H. DEMPSEY, LL.D., Cleveland.....	1919
THE REV. ROBERT L. HARRIS, Toledo.....	1919

UNDER OLD CONSTITUTION

UNDER ARTICLE IX

	TERM EXPIRES
THE RT. REV. JOHN HAZEN WHITE, D.D., Bishop of Michigan City.....	1918

THE RT. REV. LEWIS W. BURTON, D.D., Bishop of Lexington	1918
*THE RT. REV. GEORGE W. PETERKIN, D.D., Bishop of West Virginia	1918
THE RT. REV. THEODORE N. MORRISON, D.D., Bishop of Iowa	1918
THE RT. REV. CHARLES P. ANDERSON, D.D., Bishop of Chicago	1918
THE RT. REV. WILLIAM L. GRAVATT, D.D., Bishop Coadjutor of West Virginia	1918
THE RT. REV. CHARLES D. WILLIAMS, D.D., Bishop of Michigan	1918
THE RT. REV. JOHN N. MCCORMICK, D.D., Bishop of Western Michigan	1918

UNDER ARTICLE IV

	TERM EXPIRES
THE HON. ALBERT DOUGLAS, LL.D., Chillicothe	1917
SAMUEL MATHER, LL.D., Cleveland	1918
THE REV. ARTHUR DUMPER, Dayton	1918
MR. D. B. KIRK, Mt. Vernon	1918

SECRETARY

DR. F. W. BLAKE, Gambier

TREASURER

WILLIAM A. ACKERMAN

The New Knox National Bank, Mt. Vernon

CONSULTING ARCHITECT

CHARLES F. SCHWEINFURTH, Cleveland

*Deceased

STANDING COMMITTEES OF THE BOARD OF TRUSTEES

ELECTED UNDER THE CONSTITUTION

EXECUTIVE COMMITTEE

MR. LINN

MR. KIRK
DR. BLAKE

BISHOP REESE
PRESIDENT PEIRCE

COMMITTEE ON THE THEOLOGICAL SCHOOL

THE BISHOP OF OHIO
THE BISHOP OF SOUTHERN OHIO
PRESIDENT PEIRCE

THE REV. MR. DUMPER
MR. SAMUEL MATHER

APPOINTED COMMITTEES

ON FINANCE

MR. LINN

MR. KIRK
MR. NORTON

MR. DEMPSEY
MR. RAYMOND

ON INVESTMENTS

MR. SAMUEL MATHER

MR. LINN
MR. DEMPSEY

MR. KING
MR. NORTON

ON LIBRARIES

PRESIDENT PEIRCE

THE REV. MR. RUSSELL

JUDGE MARVIN

THE REV. MR. DUMPER

ON BUILDINGS AND GROUNDS

PRESIDENT PEIRCE

MR. KIRK

MR. DEMPSEY

SPECIAL COMMITTEE

BEXLEY HALL FUND

PRESIDENT PEIRCE

THE BISHOP OF OHIO

THE REV. MR. RUSSELL

THE BISHOP OF SOUTHERN OHIO

MR. DEMPSEY

THE BISHOP COADJUTOR OF SOUTHERN OHIO

MR. NORTON

COMMITTEE ON COLLEGE ENDOWMENT

PRESIDENT PEIRCE

BISHOP LEONARD

MR. DEMPSEY

BISHOP VINCENT

MR. RAYMOND

MR. JUNKIN

MR. GIAUQUE

MR. WM. G. MATHER

FACULTY

THE REV. WILLIAM FOSTER PEIRCE, M.A., (Amherst),
L.H.D. (Hobart), D.D. (Western Reserve,
University of the South),

PRESIDENT

SPENCER AND WOLFE PROFESSOR OF MENTAL AND MORAL
PHILOSOPHY

HENRY TITUS WEST, M.A. (Oberlin),
PROFESSOR OF GERMAN

BARKER NEWHALL, M.A. (Haverford), PH.D.
(Johns Hopkins),
REGISTRAR
PROFESSOR OF GREEK

THE REV. GEORGE FRANKLIN SMYTHE, M.A. (Western
Reserve), D.D. (Kenyon),
PROFESSOR OF THE BIBLE

WILLIAM PETERS REEVES, B.A., PH.D. (John Hopkins),
SECRETARY
McILVAINE PROFESSOR OF ENGLISH

LEE BARKER WALTON, M.A. (Brown), PH.D. (Cornell),
PROFESSOR OF BIOLOGY

RICHARD CLARKE MANNING, B.A., PH.D. (Harvard),
BENSON MEMORIAL PROFESSOR OF LATIN

REGINALD BRYANT ALLEN, M.S. (Rutgers),
PH.D. (Clark),
PEABODY PROFESSOR OF MATHEMATICS AND CIVIL ENGINEERING

FACULTY

THE REV. GEORGE FRANCIS WEIDA, B.S. (Kansas),
Ph.D. (Johns Hopkins),

BOWLER PROFESSOR OF PHYSICS AND CHEMISTRY

ELBE HERBERT JOHNSON, B.A., M.A. (Olivet),
ASSISTANT PROFESSOR OF PHYSICS AND CHEMISTRY

RAYMOND DU BOIS CAHALL, Ph.B. (Kenyon),
Ph.D. (Columbia),
PROFESSOR OF HISTORY

PAUL HERBERT LARWILL, Ph.B. (Louvain),
B.A. (Princeton),
SAMUEL MATHER PROFESSOR OF ROMANCE LANGUAGES

THE REV. ARCHIBALD SPIERS WINSLOW, B.A. (Columbia),
CHAPLAIN

CHARLES LACY LOCKERT, JR., B.A. (Southwestern Presby-
terian Univ.), Ph.D. (Princeton),
ASSISTANT PROFESSOR OF ENGLISH

THE REV. HUGO PAUL JOSEPH SELINGER, M.A. (Munich),
Ph.D. (Heidelberg),
PROFESSOR OF ECONOMICS AND SOCIOLOGY ON EDWIN M. STANTON
FOUNDATION

FRANCISCO JAVIER TOBAR, B.A. (Valencia),
LL.B. (Madrid),
ASSISTANT PROFESSOR OF ROMANCE LANGUAGES

WILLIAM ANDREW KELLEHER, M.E. (Notre Dame),
Athletic Director

MRS. ELLEN DOUGLAS DEVOL
Librarian

EARL M. WOOD
Assistant at the Chemical Laboratory

EDWIN CHARLES WELCH
Assistant at the Biological Laboratory

WARREN H. CATT
Assistant to Professor of Mathematics

STANDING COMMITTEES OF THE FACULTY**Athletics**

PROFESSOR ALLEN	PROFESSOR REEVES	PROFESSOR WALTON
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Discipline

PROFESSOR WEST	PROFESSOR NEWHALL	PROFESSOR WEIDA
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Larwill Lectureship

PROFESSOR WEIDA	PRESIDENT PEIRCE	PROFESSOR LARWILL
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Library

PROFESSOR REEVES	PRESIDENT PEIRCE	PROFESSOR MANNING
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ORGANIZATION

The institution now known as Kenyon College was incorporated December 29, 1824, under the title of "The Theological Seminary of the Protestant Episcopal Church in the Diocese of Ohio." By a supplementary act of the Legislature, the president and professors of the seminary were empowered to act as the faculty of the college and confer degrees in the arts and sciences.

The original funds for the institution were secured in England in 1823-24 by the Right Rev. Philander Chase, first Bishop of the Episcopal Church in the Northwest territory, two of the principal donors being Lord Kenyon and Lord Gambier. The first students were received at the Bishop's house in Worthington, Ohio, in 1824, and the first constitution was approved by the Convention of the Diocese of Ohio on November 27 of the same year. In 1826, two quarter sections of the United States military lands were secured in Knox County. Building was begun in the following year. The first degrees were conferred under date of September 9, 1829.

In 1891 the corporate title was changed to Kenyon College, the name by which the institution had always been known. The Bishops of Ohio and Southern Ohio preside over the Board of Trustees in alternate years.

SITE

Gambier, the seat of Kenyon College, is a village of about five hundred inhabitants, on the Cleveland, Akron

and Columbus Railroad, a little east of the center of the State of Ohio, fifty miles from Columbus, five miles from Mount Vernon and one hundred and twenty miles from Cleveland. The altitude is nearly eleven hundred feet and the site was chosen by Bishop Chase after careful investigation, for natural beauty and healthfulness of climate. The plateau on which the College and village are situated rises about two hundred feet above the valley of the Kokosing river, which flows around it on three sides.

GROUNDS AND BUILDINGS

The original domain of the College comprises four thousand acres being a quarter township of the United States Military Reservation of 1795 in Central and Eastern Ohio. Of this domain the College still holds about three hundred and fifty acres including several tracts of woodland. The Ohio Department of Forestry has recently undertaken to develop these forest lands as an exhibit of modern methods of tree culture. Minute surveys have been made and an extensive nursery has been established. Expert supervision is given by the Department to all work that is done on the College domain and it is hoped that in the future the College lands can be used for demonstration in connection with formal courses in forestry.

As Gambier Hill projects into the valley, the College Park commands an extensive view of the fertile, smiling valley of the Kokosing with a background of cultivated hills. The natural charm has been much enhanced by the tasteful arrangement of the grounds. In the Park, which contains over ninety acres and many old forest trees, pains have been taken to combine the effects of lawn and woodland. On this extensive tract the building sites have been carefully selected, and the broad Middle Path which

connects Old Kenyon with Bexley Hall is two-thirds of a mile long.

The College buildings comprise the dormitories, Old Kenyon (1827) and Hanna Hall (1902); Ascension Hall (1859), the recitation and laboratory building; Rosse Hall (1831, rebuilt 1899), the gymnasium and assembly room; the Alumni Library (1910), with which is connected the Stephens Stack Room (1902); the Church of the Holy Spirit (1869), the chapel; Bexley Hall (1839), the theological seminary; Colburn Hall (1904), the theological library; "Cromwell Cottage" (1913), the President's House; "Kokosing" (1865), the stone mansion built by Bishop Bedell, standing in its own extensive park; and various other buildings.

Old Kenyon

Old Kenyon, the cornerstone of which was laid in 1827, is a massive Gothic structure of local sandstone. It is one hundred and sixty feet long, three stories high, with solid stone walls four and one-half feet thick at the basement story. The roof carries battlements and pinnacles and is surmounted by a spire one hundred and ten feet high containing the old College Bell. By an Alumni subscription the bell was recently recast at the Meneely Foundry.

In 1907 Old Kenyon was completely rebuilt on the interior at an expense of over \$75,000, the external appearance remaining unchanged. The walls and roofs were thoroughly repaired and in part rebuilt with the best and most permanent materials so that the building is now unexcelled among college dormitories for strength, comfort and beauty.

Old Kenyon contains rooms for between eighty and ninety students. The interior finish is of Flemish oak of

handsome grain with wainscoting in the halls. The staircases have Gothic newel posts and birch hand rails. At all the windows are placed broad window seats of solid oak which cover the steam radiators. Rather more than one-half of the rooms are arranged in suites. The plumbing and heating systems are of the best and most modern type.

Hanna Hall

This dormitory was opened to students in December, 1903. The building is of gray Cleveland sandstone, in Collegiate Gothic style. It is two stories high with gables, measures one hundred and thirty feet long by fifty feet deep, and houses about fifty students. The building is constructed throughout in the best and most substantial way.

The doors and window casings and the wainscoting are of Flemish oak, and the floors of polished hardwood. Heat is furnished by steam boilers. Running water is supplied in every bed-room. In comfort and in elegance of appointment the building has no superior among college dormitories.

Hanna Hall was built in honor of his wife by the late Marcus A. Hanna, United States Senator from Ohio, at a cost of over \$65,000. Charles F. Schweinfurth, of Cleveland, was the architect.

Ascension Hall

Ascension Hall is a stately Collegiate Tudor building of reddish-gray freestone, one hundred and thirty feet long and three stories high. Members of the Church of the Ascension, New York, provided for its construction in honor of their former rector, Bishop Bedell. It contains the lecture and recitation rooms, the physical, chemical

and biological laboratories and workshops, the halls for literary societies, and the offices of the President and Treasurer. The battlemented tower of the building serves as the astronomical observatory. A steam heating plant given by Samuel Mather of Cleveland is installed in the basement and provides for both Ascension and Rosse Halls.

College Chapel

The Church of the Holy Spirit, the College Chapel, was built in 1869, by the Church of the Ascension, New York, as a tribute to their former rector, Bishop Bedell. It is a cruciform edifice of Early English architecture and is built of freestone in courses, with dressed quoins and facings. The nave and chancel are ninety feet, the transepts eighty feet in length. Ivy, transplanted from Melrose Abbey, covers the walls.

The interior of the church is finished in oak, the walls are tastefully illuminated, and all the windows are of stained glass. The organ is a memorial to Bishop McIlvaine, and a mural tablet, erected by the Diocese of Ohio, commemorates the founder of Kenyon College, the Rt. Rev. Philander Chase.

In the church tower is the College clock and a set of nine bells, together with a mechanism which rings the Westminster chimes at the quarter hours.

By the will of the late Mrs. Bedell a fund was established for keeping the church and Kokosing in repair.

Library and Stack Room

Hubbard Hall, the first library building, was burned January first, 1910, but the adjacent stack-room saved the mass of the library. On its site has been built the spacious and beautiful Alumni Library at a cost of about

\$50,000. The principal donors are the Alumni of the College and David Z. Norton, Esquire, of Cleveland, who has given the Reading Room.

In construction the Alumni Library is practically fireproof—floors, partitions and staircases being built of steel and tile. Glenmont sandstone in broken courses with trimmings of Cleveland cut stone forms the exterior walls. Besides working rooms for the Librarian, the Library contains a spacious periodical room, a hall of meeting for the Faculty and Trustees, and two Seminar rooms for class instruction. Built as a part of the Alumni Library is a superb Gothic Reading Room patterned after an English College hall, with stone-mullioned Tudor windows filled with leaded opalescent glass, and with a lofty ceiling carried by richly carved beams and trusses. In honor of the donor, this structure is called Norton Hall.

The books are housed in the Stephens Stack Room, a gift of the late James P. Stephens, '59, of Trenton, N. J. The construction is strictly fireproof, stone, brick, steel, and glass being the only materials used in the building. It provides space for about 50,000 volumes.

The library of 27,500 volumes is catalogued according to the Dewey system and is open throughout the day and evening. The books are unusually well chosen and form an admirable working library for undergraduate students. In history, in biography, and in English, French, and German literature the collections are good, and the mathematical department contains the library of the late John N. Lewis of Mt. Vernon, which consists of some 1,200 volumes. Accessions are made on the recommendations of the several professors.

The purchase of new books is provided for by several endowments. The Hoffman fund was established by Frank

E. Richmond, Esq., of Providence, R. I., for the purchase of new books. In 1901 the James P. Stephens Library Fund of about \$18,000 was founded by James P. Stephens, '59, of Trenton, N. J. By the wish of the donor a considerable part of the income will for the present be devoted to the purchase of classical works in other languages than English. The Klock Fund is devoted to the purchase of books for the Department of English and the Vaughn Fund to the binding of periodicals.

The reading room receives the leading American and English periodicals, and ten or twelve French and German reviews, and is open to students during the library hours.

An additional library of 12,000 volumes, chiefly theological, is housed in Colburn Hall.

Gymnasium

Rosse Hall, the gymnasium and assembly room is an Ionic structure of sandstone about one hundred by seventy-five feet. Built in 1831 as the College Chapel it was burned in 1897. The reconstruction was provided for by James P. Stephens, Mrs. Julia T. Bedell and other donors, and especially by "The William and Mary Simpson Memorial Fund" given by Mrs. Mary A. Simpson of Sandusky. To the restoration was also applied a bequest of five thousand dollars from Senator John Sherman. The principal hall serves as a gymnasium and assembly hall, and is provided with gymnastic apparatus presented by the Alumni. Shower baths and dressing rooms with all-steel lockers are supplied in the basement, which also contains a baseball cage.

The athletic grounds are spacious and pleasantly situated. The baseball and football fields lie at the foot of the College hill, where the shaded hillside provides a

natural grandstand. The tennis courts near Old Kenyon are excellent. There is a quarter-mile cinder track, and the facilities for general field sport are good.

Laboratories

The north end of Ascension Hall, comprising eighteen rooms, is given up to the physical, chemical and biological laboratories. The Bowler Fund makes provision for accessions of apparatus and books.

The Chemical Laboratory occupies eight rooms in addition to the lecture and preparation rooms and museum. The laboratory in general chemistry has been enlarged and now accommodates sixty students. The laboratories for work in qualitative and quantitative analysis and organic chemistry are smaller but well equipped. There are hoods and balances, with ample store room facilities, and the stock of chemicals and apparatus has been made adequate for work in general, analytical and organic chemistry, including chemical preparations. This laboratory has its own library of four hundred volumes, including standard reference works in several languages, and files of the leading chemical journals. An excellent collection of typical minerals is provided, the latest addition being "The Ratcliff Memorial Collection," the gift of Mr. B. W. Ratcliff of Waukon, Iowa.

The Physical Laboratory, which occupies a part of the first floor and basement of Ascension Hall, is well equipped for experimental work both in the laboratory proper and the lecture room. During the past summer an additional room has been fitted up so that the working capacity of the laboratory has been nearly doubled. High grade apparatus is being added continually so as to facilitate as much as possible the attainment of precision in measurements. Of

the present equipment of the department may be mentioned its electric power plant, which furnishes light for the laboratories and current for experimental work. This outfit consists of a 14 H. P. gas engine, a $7\frac{1}{2}$ K. W. generator, an 80 ampere-hour storage battery of 56 cells, and an elaborate battery distributing switchboard. Other pieces of apparatus worthy of note are: A 29-inch spark induction coil with its accessories for X-ray work, a large Tesla high tension transformer, a 30,000-pound Riehle machine for testing the strength of materials, and a large number of measuring instruments for use in the study of nearly every branch of Physics.

Several physical journals are taken, and kept on file, and a number of the most recent books on various physical subjects are being added to the general library each year. These have been so selected as to furnish ample material for collateral reading and thesis work.

The Biological Laboratory occupies rooms on the third floor of Ascension Hall. The main room is well lighted from above and contains sixteen Bausch and Lomb compound microscopes, sixteen dissecting microscopes, paraffine bath, incubator, sterilizers and Minot rotary and automatic precision microtomes. Desks and lockers are provided for twenty students.

The department has its own working library, consisting of standard reference books in English, German and French, while additional books needed for advanced work are procured from the Boston Society of Natural History or from university libraries.

MATHEMATICAL INSTRUMENTS

The observatory has a telescope of five and one-fourth inches aperture, the object glass of which was made by Alvan Clark & Son. It is also supplied with a transit of

two inches aperture and a sidereal clock. The Department of Astronomy owns a set of Trouvelot astronomical drawings.

The income of the Delano Astronomical Fund is used for the observatory.

For the use of students in surveying, the Department of Mathematics possesses an excellent transit, Y level, plane table, draughting machine, and compass, with the necessary appurtenances.

THE BEDELL LECTURESHIP

A fund of five thousand dollars established by Bishop and Mrs. Bedell provides for biennial lectures on the Evidences of Natural and Revealed Religion, or the Relation of Science to Religion. These lectures are given every second year on Founders' Day, which is celebrated on the Festival of All Saints. The publication of the lectures is provided for.

The following lectures have been delivered:

The Rt. Rev. John Williams, D.D., LL.D., "The World's Witness to Christ." 1881.

The Rt. Rev. Henry Cotterell, D.D., "Revealed Religion in Its Relation to the Moral Being of God." 1883.

The Rt. Rev. Hugh Miller Thompson, D.D., "The World and the Logos." 1885.

The Rev. James McCosh, S.T.D., LL.D., "The Religious Aspect of Evolution." 1887.

The Rev. David H. Greer, D.D., "The Historical Christ, the Moral Power of History." 1889.

The Rt. Rev. Arthur Cleveland Coxe, D.D., LL.D., "Holy Writ and Modern Thought." 1891.

The Rt. Rev. William A. Leonard, D.D., "The Witness of the American Church to Pure Christianity." 1893.

The Rt. Rev. Boyd Vincent, D.D., "God and Prayer; the Reasonableness of Prayer." 1895.

The Rev. William Reed Huntington, D.D., "A National Church." 1897.

The Rev. Morgan Dix, D.D., D.C.L., "The Supernatural Character of the Christian Religion." 1899.

The Rt. Rev. Henry C. Potter, D.D., D.C.L., "Man, Men, and Their Master." 1901.

The Rt. Rev. William Crosswell Doane, D.D., "Evidence, Experience, Influence." 1903.

The Rt. Rev. Arthur C. A. Hall, D.D., "The Relations of Faith and Life." 1905.

The Rt. Rev. Thomas F. Gailor, D.D., Bishop of Tennessee, "The Christian Church and Education." 1909.

The Rev. George F. Smythe, D.D., "The Shepherd of Israel: A Contribution to the Evidences of Revealed Religion." 1911.

The Rev. George Hodges, D.D., Dean of the Cambridge Divinity School, "The Church in the Fourth Century." 1913.

THE LARWILL LECTURESHIP

This fund of ten thousand dollars is the gift of Joseph H. Larwill, Esq., of the class of 1855. The income is available for occasional lectures or for courses of lectures on subjects of general interest. The Founder desires that at least every third year a lecture or a course of lectures, philosophical in tone, shall be delivered on one of these great subjects: "What can I know? What ought I to do? For what can I hope?"

At the discretion of the College Faculty, lectures delivered on the Foundation may be published.

Among the recent occasional lectures on this Foundation have been Professor Brander Matthews of Columbia University; Hamilton Holt, managing editor of the New York *Independent*; Dr. Svante Arrhenius, of the University of Stockholm; Professor Anatole Lebraz, of the University of Rennes; Dr. Reginald Campbell, of the City Temple, London, Eng.; Dr. Talcott Williams, Dean of the Pulitzer School of Journalism, Columbia University; William Butler Yeats, Sydney George Fisher, LL.D., Canon James O. Hannay, Wilfrid Ward, Eugene Brioux, James M. Taylor, LL.D., ex-President of

Vassar College, Lady Gregory, Alfred Noyes and Ambassador Myron T. Herrick.

Formal academic courses have been delivered as follows:

Charles W. Eliot, LL.D., President Emeritus of Harvard University, "The Future of Trades Unionism and Capitalism in a Democracy." October, 1909. (G. P. Putnam's Sons.)

The Hon. Theodore E. Burton, United States Senator from Ohio, "Modern Democracy." November, 1911.

George Edward Woodberry, formerly head of the Department of Comparative Literature at Columbia University, "Two Aspects of Criticism: Creative and Historical." May, 1913.

John W. Burgess, LL.D., formerly Professor of Political Science and Constitutional Law in Columbia University, "The Administration of President Hayes." October, 1915. (Scribner's.)

THE STIRES PRIZES

Two prizes of \$35 and \$15 respectively, are offered annually by the Rev. Dr. Stires, Rector of St. Thomas' Church, New York, for excellence in debating. The contestants are chosen from the two upper classes and represent the Philomathesian and Nu Pi Kappa literary societies.

THE KING PRIZES

Through the generosity of Mr. Ralph King of Cleveland prizes amounting to \$100 are offered annually to members of the Freshman and Sophomore classes for excellence in writing and in public speaking. A First Prize of \$35 and a Second Prize of \$15 are given to each class the award being made at Commencement by the Department of English for the work of the year.

SCHOLARSHIP AND BENEFICIARY AID

The charges for tuition and minimum room rent are remitted to the sons of clergymen and to postulants for Holy Orders. Limited appropriations are made to postulants for Holy Orders by the Trustees of the Ethan Stone Fund and by the Joint Education Committee of the Dioceses in Ohio.

All scholarships are held subject to the following regulation of the Faculty: "All students holding scholarships of any kind shall be required to maintain an average grade of two and one-half, to observe reasonable economy in expenditure, and to refrain from behavior which will subject them to college discipline."

(a) ENDOWED SCHOLARSHIPS.

The Alfred Blake Scholarships, three perpetual scholarships, covering tuition, the gift of Mrs. Alfred Blake, of Gambier.

The French Prize Scholarship, a perpetual scholarship covering tuition in Kenyon College, the gift of Mrs. Robert French, of Gambier, to be awarded to the student of the Preparatory Department standing highest in grade and deportment.

The Austin Badger Scholarship, of \$1,400, founded by bequest of Austin Badger, of Medina, Ohio. The income is to be awarded only to a student preparing for the ministry.

The Nash Scholarships, of \$10,000, founded by bequest of Job M. Nash, of Cincinnati. The income provides for three scholarships of about \$200 each.

The Thomas A. McBride Scholarship, of \$2,000, founded by bequest of Mrs. Mary A. McBride, of Wooster, Ohio, in memory of her son, Thomas A. McBride, of the class of 1867.

The Southard Scholarship, of \$2,500, the gift of Mr. George F. Southard, of the class of 1873. Preference is to be given to a student in regular standing.

The John W. Andrews, Jr., Scholarship, of \$3,000, the gift of Hon. John W. Andrews, of Columbus, Ohio, in memory of his son.

The Carter Scholarship, of \$5,000, the gift of Mrs. Carter, of Albany, New York, in memory of her husband, the Rev. George Galen Carter, S.T.D., of the class of 1864, and his father, the Rev. Lawson Carter, late of Cleveland, Ohio. The income provides for two scholarships and in making appointments preference is to be given to postulants for Orders, especially to such postulants as are sons of clergymen.

The Carnegie Scholarship Fund, of \$25,000, the gift of Andrew Carnegie, Esq. Grants from the income of this fund are made to needy and deserving students for the payment of College bills. Postulants for Holy Orders are ineligible.

The Philo Sherman Bennett Scholarship, of \$500, assigned to Kenyon College by the Hon. William J. Bryan as administrator for Mr.

Bennett. The income of this fund is to be given to needy and deserving students.

(b) LOAN FUNDS.

The Curtis Fund, which now amounts to over \$28,000.

The late Henry B. Curtis, LL.D., of Mt. Vernon, Ohio, granted to the Trustees of Kenyon College, a fund for the aid of meritorious students by loans of money at a low rate of interest. The interest is intended to meet only the risk of death, and is not to be greater than the average rate of life insurance.

The application for a Curtis scholarship must state the applicant's name, residence and age, and his father's name and address. The father or guardian must endorse the application and express his belief that the loan will be repaid at maturity. The Faculty will consider the application to be confidential, and in granting the loan will take into consideration the applicant's character, ability and merit, including his examinations in school and college, and his record for regularity, punctuality and general conduct. The appropriations are made for only a year at a time. The maximum loan for one year is \$150, but for a student's first year \$75. The sum appropriated is paid in two equal parts, one at the beginning of each semester. Upon each payment the student gives his promissory note for the repayment five years from date, with interest at the rate of one and a half per cent.

The Ormsby Phillips Fund, of \$1,000, which was established by Mr. and Mrs. Bakewell Phillips, of Pittsburg, Pennsylvania, to be loaned without interest to a student for the ministry.

(c) THE HIGH SCHOOL SCHOLARSHIPS.

By action of the Board of Trustees, eight scholarships in Kenyon College are offered each year to male graduates of high schools in the State of Ohio. The application must state that the assistance is necessary to enable the student to pursue a course at Kenyon College, and must be signed by both the applicant and his father or guardian. A certificate from the principal of the high school testifying to intellectual proficiency and moral character is also required. The scholarships cover tuition.

ADMISSION

In the following statement the term "Unit" means a course of study of five recitation periods a week continued through a full school year. For entrance to all college courses fifteen such Units are required. The pages immediately following contain a detailed description of the subjects that will be accepted as Units for admission.

TABLE OF REQUIREMENTS FOR ADMISSION

FOR THE CLASSICAL COURSE:	UNITS
English.....	3
Mathematics.....	3
Latin or Latin and Greek.....	4
Other Foreign Language.....	2
History.....	1
Additional.....	2
	15

FOR THE PHILOSOPHICAL COURSE:	UNITS	FOR THE SCIENTIFIC COURSE:	UNITS
English.....	3	English.....	3
Mathematics.....	3	Mathematics.....	4 or 3
Foreign Languages.....	4	Foreign Languages....	3 or 4
History.....	2	History.....	1
Sciences.....	1	Sciences.....	2
Additional.....	2	Additional.....	2
	15		15

The following table shows the minimum and maximum amounts which will be accepted in each subject:

	UNITS		UNITS
English.....	3 or 4	German.....	1-3
Mathematics.....	3 or 4	History.....	1-3
Latin.....	1-4	Sciences.....	1-3
Greek.....	1-3	Drawing.....	1
French.....	1-3	Shopwork.....	1

English (Three or Four Units)

1. THREE UNITS. (a) Reading. A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject matter, and to answer simple questions on the lives of the authors. On several assigned topics a brief written discussion will be required at the examination. The object is to test the candidate's power of clear, accurate expression, and will call for only a general knowledge of the substance books. In place of a part of this test the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the book. No student will hereafter be admitted without examination except on the presentation of such properly certified exercise book, or of an explicit statement from his instructor of the books read in class and the amount of composition work required. The substitution of equivalent books for those given below will for the present be permitted. In preparation for this part of the requirement it is important that the candidates shall have been instructed in the fundamental principles of rhetoric.

(b) Study and Practice. This part of the examination presupposes the thorough study of each of the works named in this division. The examination will be upon subject matter, form and structure. *In addition the candidate may be required to answer questions involving the essentials of English grammar, and the leading facts in those periods of English history to which the prescribed books belong.*

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom or division into paragraphs.

An examination in composition will be required of all new students.

1915-1919—FOR GENERAL READING. The student selects ten Units, two from each of the five following groups. Each unit is set off by semicolons.

GROUP I. THE OLD TESTAMENT; comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books, XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

GROUP II. SHAKESPEARE. *Midsummer Night's Dream*, *Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*, *King John*, *Richard II*, *Richard III*, *Henry V*, *Coriolanus*, *Julius Cæsar*, *Macbeth*, *Hamlet*. If not chosen for study under B.

GROUP III. PROSE FICTION. Malory: *Morte d'Arthur* (about 100 pages); Bunyan: *Pilgrim's Progress, Part I*; Swift: *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe: *Robinson Crusoe, Part I*; Goldsmith: *Vicar of Wakefield*; Frances Burney: *Evelina*; Scott's Novels: any one; Jane Austen's Novels: any one; Maria Edgeworth: *Castle Rackrent*, or *The Absentee*; Dickens' Novels: any one; Thackeray's Novels: any one; George Eliot's Novels: any one; Mrs. Gaskell: *Cranford*; Kingsley: *Westward Ho!* or *Hereward, the Wake*; Reade: *The Cloister and the Hearth*; Blackmore: *Lorna Doone*; Hughes: *Tom Brown's Schooldays*; Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae*; Cooper's Novels: any one; Poe: *Selected Tales*; Hawthorne: *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old*

Manse. A collection of Short Stories by various standard writers.

GROUP IV. ESSAYS, BIOGRAPHY, ETC. Addison and Steele: *The Sir Roger de Coverley Papers*, or *Selections from the Tatler and Spectator* (about 200 pages); Boswell: *Selections from the Life of Johnson* (about 200 pages); Franklin: *Autobiography*; Irving: *Selections from the Sketch Book* (about 200 pages); or *Life of Goldsmith*; Southey: *Life of Nelson*; Lamb: *Selections from the Essays of Elia* (about 100 pages); Lockhart: *Selections from the Life of Scott* (about 200 pages); Thackeray: *Lectures on Swift, Addison, and Steele in the English Humorists*; Macaulay: Any one of the following essays: *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederic the Great*, *Madame d'Arblay*; Trevelyan: *Selections from the Life of Macaulay* (about 200 pages); Ruskin: *Sesame and Lilies*, or *Selections* (about 150 pages); Dana: *Two Years Before the Mast*; Lincoln: Selections, including at least the two *Inaugurals*, the *Speeches in Independence Hall* and at *Gettysburg*, the *Last Public Address*, the *Letter to Horace Greely*, together with a brief memoir or estimate of Lincoln; Parkman: *The Oregon Trail*; Thoreau: *Walden*; Lowell: *Selected Essays* (about 150 pages); Holmes: *The Autocrat of the Breakfast Table*; Stevenson: *An Inland Voyage and Travels with a Donkey*; Huxley: *Autobiography* and Selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*; A collection of Essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of Letters by various standard writers.

GROUP V. POETRY. Palgrave: *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave: *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen

under *Study*); Goldsmith: *The Traveller* and *The Deserted Village*; Pope: *The Rape of the Lock*; a collection of English and Scottish ballads, as, for example, some *Robin Hood* ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection from later ballads; Coleridge: *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron: *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott: *The Lady of the Lake* or *Marmion*; Macaulay: *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Irry*; Tennyson: *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *An Incident of the French Camp*, *Herre Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, “*De Gustibus*”—, *Instans Tyrannus*; Arnold: *Sohrab and Rustum* and *The Forsaken Merman*; selections from American Poetry, with especial attention to Poe, Lowell, Longfellow, and Whittier.

STUDY. This part of the requirement is intended as a natural and logical continuation of the student's earlier reading. Greater stress is laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. For this close reading the books are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA. Shakespeare: *Julius Caesar*, *Macbeth*, *Hamlet*.

GROUP II. POETRY. Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson: *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III. ORATORY. Burke: *Speech on Conciliation with America*; Macaulay: *Speech on Copyright*, and Lincoln: *Speech at Cooper Union*; Washington: *Farewell Address*, and Webster: *First Bunker Hill Oration*.

GROUP IV. ESSAYS. Carlyle: *Essay on Burns*, with a selection from Burns's Poems; Macaulay: *Life of Johnson*; Emerson: *Essay on Manners*.

2. FOUR UNITS. In addition to the preceding a fourth unit may be offered in English Composition.

Mathematics (Three or Four Units)

1. THREE UNITS. (a) Algebra (one and one-half units), through Simultaneous Quadratic Equations.

(b) Plane Geometry (one unit).

(c) Solid Geometry, or Advanced Algebra, or Trigonometry (one-half unit).

A thorough review of Algebra and Geometry should be completed during the year preceding entrance to College.

2. FOUR UNITS. In addition to the preceding the remaining two of the following subjects:

(a) Solid Geometry.

(b) Advanced Algebra, including the theory of Logarithms, Series, Determinants and Partial Fractions, and Elementary Theory of Equations (one-half unit).

(c) Plane Trigonometry, with special attention to the derivation of formulae and the accurate solution and checking of problems (one-half unit).

Latin (One, Two, Three or Four Units)

1. ONE UNIT. Latin grammar with easy reading, consisting of twenty or thirty pages of connected text. In all written exercises the long vowels should be marked, and in all oral exercises pains should be taken to make the pronunciation conform to the quantities.

The student should be trained from the beginning to grasp the meaning of the Latin before translating, and then

to render into idiomatic English; and should be taught to read the Latin aloud with intelligent expression.

2. TWO UNITS. In addition to the preceding, selections from Caesar's *Gallic War* equivalent in amount to four or five books; selections from Nepos may be taken as a substitute for an amount not exceeding two books. The equivalent of at least one period a week in prose composition based on Caesar. Frequent written exercises and translation at sight from Caesar.

3. THREE UNITS. In addition to the preceding, six orations of Cicero, including the *Manilian Law*. Sallust's *Catiline* will be accepted as a substitute for an equivalent amount of Cicero.

The equivalent of at least one period a week in prose composition, based on Cicero. Frequent written exercises and translation at sight from Cicero.

4. FOUR UNITS. In addition to 1 and 2, Virgil's *Æneid*. For a portion of this may be substituted selections from *Ovid*. Constant practice in the metrical reading of Latin verse.

The equivalent of at least one period a week in prose composition. Frequent translation at sight from Virgil and Ovid.

Greek (One, Two or Three Units)

1. ONE UNIT. Grammar. *Anabasis*, twenty pages. The student should have constant practice in reading Greek aloud and in translating into Greek. Syntax is best taught in connection with the text read, but the most important paradigms should be learned before beginning the *Anabasis*.

2. TWO UNITS. In addition to the preceding, *Anabasis* I-IV. Greek prose based on the *Anabasis* should be written daily.

3. THREE UNITS. In addition to 1 and 2, *Anabasis* reviewed, *Iliad*, not less than 1900 lines. Mythology and

scansion should be taught in connection with the *Iliad*. Greek prose based on the *Anabasis*.

French (One, Two or Three Units)

1. ONE UNIT. In one year the student should acquire a fairly accurate pronunciation and such a knowledge of elementary grammar and vocabulary as will enable him to translate very simple French into English as well as short English sentences into French. He should read one or another of the standard French readers for beginners, or an equivalent amount of prose selected from suitable texts.

2. TWO UNITS. In the second year a more complete study of the grammar should be made in connection with exercises in composition, and a number of the less difficult short stories, by modern French writers should be read. For the work of two years two units' credit is given.

3. THREE UNITS. The work of the third year should embrace the reading of several novels and plays and the writing of more advanced composition. For the work of three years three units' credit is given.

German (One, Two or Three Units)

1. ONE UNIT. Careful drill in pronunciation; elementary grammar, including a thorough knowledge of forms and simple syntax; reading of about 150 pages of easy modern German, mainly narrative prose; elementary drill in speaking and writing German.

2. TWO UNITS. Further study of the grammar, including a more thorough treatment of syntax; continued practice in writing and speaking German; reading in addition to 1, of about 250 pages of modern German from standard authors.

3. THREE UNITS. Continuation of the study of the grammar, composition and conversation; the reading in addition to 1 and 2 of about 400 pages of classical and modern German prose and poetry.

History (One, Two or Three Units)

1. GENERAL HISTORY. As much as is contained in Myers's *General History*.

2. (a) GREEK HISTORY. Myers's or Botsford's *History of Greece* or an equivalent (one-half unit).

(b) ROMAN HISTORY. Allen's *History of the Roman People* or Botsford's *Roman History* (one-half unit).

3. ENGLISH HISTORY. The equivalent of Andrews' or Cheney's *History of England*, with collateral reading.

4. UNITED STATES HISTORY. A comprehensive course based on such a text as Adams and Trent or McDonald's Johnston's, with considerable collateral reading.

5. (a) UNITED STATES HISTORY. John Fiske's *History of the United States* or an equivalent (one-half unit).

(b) POLITICAL SCIENCE, as much as is contained in John Fiske's *Civil Government in the United States* (one-half unit).

Science (One, Two or Three Units)

1. ELEMENTARY PHYSICS. An amount of work equivalent to that in the text of Carhart and Chute, Hoadley, or Millikan & Gale is required. Particular attention should be given to the practical laboratory methods, and the solution of numerical problems.

2. ELEMENTARY CHEMISTRY. A course including both laboratory work and class room work in Inorganic Chemistry. The following recent text-books may be taken to indicate the work desired: Brownlee's *First Principles of Chemistry*, or Hessler & Smith's *Essentials of Chemistry*, or McPherson & Henderson *A First Course in Chemistry*.

3. GENERAL BIOLOGY. Adaptation to environment, protective resemblance, variation, etc., should be studied. A general study of the activity and local distribution of typical forms of life. Laboratory work is essential. Boyer's *Elementary Biology*, or selections from Daven-

port's *Introduction to Zoology*, together with Bergen's *Elements of Botany*, represent approximately the amount required.

4. BOTANY. The essential principles of plant life and growth together with a careful study of typical plant forms. Variability, adaptation, assimilation, respiration, digestion, growth and reproduction should be carefully studied. An equivalent of Atkinson's *Lessons in Botany*, or Bergen's *Foundations of Botany*, should be presented.

5. ZOOLOGY. Knowledge of the typical forms both invertebrate and vertebrate is required. Ability to recognize the specimen, to indicate its relationships, and to point out the principal features of its life history, organization and physiology. An equivalent of Kellogg's *Elementary Zoology* or Davenport's *Introduction to Zoology*.

RULES FOR ADMISSION

Candidates for admission must present testimonials of good moral character, and if they come from other colleges certificates of dismissal in good standing.

Examinations for entrance are held at the opening of the college year the third Wednesday in September.

Certificates will be provisionally accepted from the principal of any accredited High or Preparatory School, and will exempt the student from entrance examinations in the subjects covered, provided that they are in the hands of the Registrar at the opening of the year. No student is admitted whose certificates do not cover at least 14 units of preparatory work.

The privilege of registration is extended only to students who either pass the entrance examinations or present satisfactory certificates.

The College furnishes certificate blanks, which must state in detail the courses that the student has completed, together with the ground covered and the time given to each course.

At entrance, all students are received upon probation, and their work is subject to careful inspection. Matriculation (see p. 00) gives

final credit for certificates and accords full standing in College. Immediately before the Thanksgiving recess, mid-semester examinations are given to all new men. To be matriculated a student must maintain a passing grade in at least twelve hours of work, to be determined by class standing and the mid-semester examinations. Students who fail to matriculate may be continued upon probation, but failure to pass in nine hours of work at the end of the semester drops them from College.

Applicants for admission who lack preparation in Greek, German or French, will be given an opportunity in College to make up in one of these languages not more than two units of deficiency.

Advanced Standing

Candidates for advanced standing will be examined in all prescribed studies antecedent to the desired grade, including the requirements for admission to college and in such elective studies as shall be chosen by the candidate and approved by the Faculty.

Students from other colleges will be admitted to such standing as the Faculty may deem equitable in each case. Candidates are required to present a certified statement of the studies they have pursued and their proficiency therein, together with a catalogue of the college from which they come.

COURSES OF STUDY

Three courses of study are offered—classical, philosophical, and scientific. After the freshman year in all courses students are permitted to elect a large proportion of their work. The prescribed requirements aim at securing breadth and continuity without sacrificing flexibility. On the following pages is printed a conspectus showing the prescribed subjects and the range of electives for each course.

THE CLASSICAL COURSE. Four years of classical language are required for admission and a considerable amount of classical language must be taken in College. If the student takes Latin and no Greek he is required to complete a course in Greek literature for which no knowledge of the language is necessary. The degree of Bachelor of Arts is conferred upon the completion of this course.

THE PHILOSOPHICAL COURSE. This course emphasizes modern language both for preparation and in College although units in any foreign language may be presented for admission. In College five years of language must be taken of which at least three years must be in one language. About the same proportion of electives is allowed as in the Classical course. The degree of Bachelor of Philosophy is conferred upon the completion of this course.

THE SCIENTIFIC COURSE. The arrangement of subjects in this course is intended primarily to meet the needs of students who intend to take technical or engineering

courses later. Advanced work in mathematics and in physics is prescribed and numerous electives are offered in the scientific subjects which are fundamental for technical training. Students who complete this course with the proper electives in science are able to make third year standing in engineering schools of the first grade. The degree of Bachelor of Science is conferred upon the completion of this course.

SPECIAL COURSES. Students are urged to enter one of the four regular courses but in individual cases permission to take special work is granted. Students who intend to study engineering can thus complete in three years a sufficient amount of work in general science to secure practically two years of advanced credit in a good technical school. By this means such students enjoy the advantage of the personal instruction and the academic atmosphere of a literary college, with little sacrifice of time.

CONSPECTUS OF COURSES OF STUDY

FRESHMAN YEAR

ALL COURSES:	HOURS
English 1 and 2*.....	3
Mathematics 1, 2 or 3, 4†.....	3
Physical Training 1, 2.....	1
CLASSICAL:‡	
Greek or Latin.....	3
Other Language.....	3
Chemistry 1, 2 or Physics 1, 2.....	4

*The number identifies the course as described in the Departments of Instruction.

†Each student must complete in College the two courses in Mathematics that follow those offered for entrance.

Scientific students presenting only 3 units of Mathematics for entrance must complete Mathematics 1, 2, 3, 4.

‡All classical students must complete in College four years of Classical Language; if Greek is begun in College, it must be carried two years; if no Greek language is taken, Greek 11 and 12 must be taken.

PHILOSOPHICAL:*

HOURS

German	3
French	3
Chemistry 1, 2 or Physics 1, 2	3

SCIENTIFIC:

German	3
French	3
Chemistry 1, 2	3

SOPHOMORE YEAR

ALL COURSES:

English 3, 4	3
Bible 1, 2	1
Physical Training 3	1

CLASSICAL:

One Ancient Language	3
One Modern Language	3
One Science	3
Elective	3

PHILOSOPHICAL:

Two Languages	6
One Science	3
Elective	3

SCIENTIFIC:

One Language	3
Chemistry 3	3
Mathematics 5, 6 and Physics 1, 2, or Biology 1, 2 and Elective Science	6

Of the above, the choice of optional courses must be for the entire year. No restriction is put upon the electives.

*All philosophical students must complete in College five years of Foreign Language of which three years must be in one language. Latin may be substituted for German or French.

ELECTIVE COURSES OPEN TO SOPHOMORES:

Greek 1-8, 11, 12.	Chemistry 3-8.	History 1, 2, 10.
Latin 3, 4.	Biology 1, 2.	Political Science 1-4.
German 1-6.	Physics 1-4.	Economics 1, 2.
French 1-4.	Mathematics 3-13.	
Spanish.		
Italian.		

All electives are three-hour courses.

JUNIOR YEAR

CLASSICAL:

English 5, 6.....	1
History 7, 8.....	3

Two major courses of the Sophomore year must be continued through the Junior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

PHILOSOPHICAL:

HOURS

English 5, 6.....	1
History 7, 8.....	3
1 Language.....	3
1 Sophomore Course continued.....	3
Electives.....	6

SCIENTIFIC:

HOURS

English 5, 6.....	1
History 7, 8.....	3
Physics* 3, 4 and Mathematics 9, 10, or Biology* 3, 4 and Elective Science.....	6
Electives.....	6

ELECTIVE COURSES OPEN TO JUNIORS:

English 9, 10, 13-16, 19-25.	Chemistry 5-10.	History 1-6.
Greek 5-14.	Biology 1-8.	Political Science 1-6.
Latin 5-8.	Physics 1-7.	Economics 1-8.
German 1-10.	Mathematics 5-18.	Philosophy 1-4.
French 1-10.	Astronomy.	The Bible 4, 6.
Spanish.		
Italian.		

All electives are three-hour courses.

*The option in Science of the Sophomore year must be continued in the Junior year.

SENIOR YEAR

ALL COURSES:

HOURS

English 7, 8. 1

In all courses one major course of the Junior year must be continued through the Senior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

ELECTIVE COURSES OPEN TO SENIORS:

English 11-25.	Chemistry 9-12.	History 3-6.
Greek 5-14.	Biology 3-10.	Political Science 1-6.
German 3-10.	Physics 3-7.	Economics 1-8.
Latin 5-8.	Mathematics 7-18.	Philosophy 1-4.
French 3-10.	Astronomy.	The Bible 4, 6.
Spanish.		
Italian.		

Students intending to study Theology will be permitted to present as Senior electives Philosophy 1 and 2, and twelve hours of the work of the Junior year at Bexley Hall.

DEPARTMENTS OF INSTRUCTION

ENGLISH

PROFESSOR REEVES

ASSISTANT PROFESSOR LOCKERT

1, 2. Written and Oral Exercises, based upon Phonetic principles, in which deficiencies of speech are explained in personal conferences, and overcome by practice before the class. Narrative and descriptive themes are read aloud after correction by the instructor. In the second semester, English 2, the essays are expository and argumentative, class debates affording opportunity for speaking. Three hours a week, required of all Freshmen. The King prizes are offered for excellence in speaking. PROFESSORS REEVES AND LOCKERT.

3, 4. ENGLISH LITERATURE. A survey course, supplemented by carefully written themes, read before the class after correction. Addresses and debates are required upon topics of enduring interest in history and literature. Required of all Sophomores, three hours a week. Manly's *Prose and Poetry* is used as a text. The King prizes for excellence in speaking are offered to Sophomores. PROFESSORS REEVES and LOCKERT.

5, 6. EXPOSITION AND ARGUMENTATION. Weekly exercises required of all Juniors. In the first semester the technique of exposition is practiced; in the second semester a study is made of the nature of evidence, methods of induction, and the drawing of a brief. PROFESSOR LOCKERT.

7, 8. PUBLIC SPEAKING. All Seniors are required to prepare a weekly exercise upon a subject of present interest. Stage presence, the psychology of attention, and

Odd numerals indicate first semester; even numerals second semester.

elementary dramatic exercises are studied in the second semester. For many years, upon a vote of the graduating class, a classical English play has been presented. PROFESSOR REEVES.

9. ELIZABETHAN DRAMA. A survey of the drama from 1580 to 1642, with Neilson's *Chief Elizabethan Dramatists* as a text. Introductory to Shakespeare. Elective for Juniors and Seniors. PROFESSOR LOCKERT. Offered in 1917-18.

10. SHAKESPEARE. Elective for Juniors and Seniors. Offered each year. PROFESSOR REEVES.

11. THE CONTEMPORARY DRAMA. Elective for Juniors and Seniors, with Dickinson's *The Chief Contemporary Plays* as a text. Alternate years, not offered in 1917-18.

12. TENNYSON and BROWNING. Elective for Seniors. Complete texts of each poet are required, and their contrasting arts explained. Elective for Seniors. Offered each year. PROFESSOR REEVES.

13 and 14. ANGLO-SAXON and the HISTORY OF THE ENGLISH LANGUAGE. The historical basis of English idiom is explained in the reading and philological study of Anglo-Saxon literature. The sources of English grammar are studied, and the vitality of the language illustrated by reference to the vernacular. This course is necessary for a certificate from the department of capacity to teach English. Three hours a week, elective for Juniors and Seniors. PROFESSOR REEVES.

15. SHORT STORY WRITING. Exercises in the technique of the Short Story, with study of models. Elective for Juniors and Seniors, alternate years; offered in 1916-17. PROFESSOR LOCKERT.

16. ARGUMENTATION and DEBATE. One debate a week is required, and a good delivery is insisted upon. Elective

for Juniors and Seniors. PROFESSOR LOCKERT. Offered in 1916-17.

17. CHAUCER, LANGLAND AND WYCLIF. FOURTEENTH CENTURY STUDIES. Elective for Juniors and Seniors. Offered in 1917-18. PROFESSOR REEVES.

18. THE ROMANTIC POETS. The culmination of English Romanticism in Wordsworth, Coleridge, Byron, Shelley and Keats. Elective for Juniors and Seniors. Offered in 1917-18. PROFESSOR LOCKERT.

GREEK

PROFESSOR NEWHALL

1, 2. GRAMMAR; *Anabasis*, Book I. Optional for admission to Classical Course. Elective in other courses.

3, 4. *Anabasis*, II-IV; *Iliad*, 1900 lines. Prose composition. Optional for admission to the Classical Course. Elective in other courses.

5. LYSIAS, or Selections from Attic Orators. Prose Composition. Optional for the Classical Course. Courses 1-4 prerequisite.

6. ODYSSEY, Selections or Herodotus. Private life of the Greeks. Optional for the Classical Course.

7. PLATO. *Laches and Apology*. History of Greek Literature (Prose). Optional in the Classical Course. Courses 5 and 6 prerequisite.

8. SOPHOCLES, *Antigone* or *Oedipus Tyrannus*. Aristophanes, *Clouds* or *Frogs*. History of Greek Literature (Poetry). Optional in the Classical Course. Courses 5-7 prerequisite.

9. ÆSCHYLUS. *Prometheus* or *Septem*. Euripides, *Alcestis* or *Medea*. The Greek Drama and Theatre. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

10. SELECTIONS FROM THE LYRIC POETS OR LUCIAN. Greek music and metres. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

11. HOMER IN ENGLISH. The entire Iliad and Odyssey, with lectures on Homeric Life and the Homeric Question. No knowledge of Greek required. Alternate years. Elective for Sophomores, Juniors and Seniors. Offered in 1916-17.

12. GREEK DRAMA IN ENGLISH. No knowledge of Greek required. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1916-17.

13. HISTORY OF ART. The Minor Arts, Painting and Modern Sculpture. Elective for Juniors and Seniors in all courses. Alternate years. Offered in 1917-18.

14. HISTORY OF ART. Architecture and Ancient Sculpture. Second semester. Elective as 13. Offered in 1917-18.

LATIN

PROFESSOR MANNING

A. VIRGIL. *Æneid*, Books 1-VI. Required for admission to Classical Course. Both semesters.

1. LIVY. Instruction in Grammar and in the art of reading Latin. Prose Composition. Optional for Freshmen.

2. LATIN POETS, Selections. Grammar. Prose Composition. Optional for Freshmen.

3. PLINY THE YOUNGER. Letters. Reading at sight. Optional for Sophomores. Courses 1 and 2 prerequisite.

4. HORACE, Selections from the Odes, Satires and Epistles. Study of the poet's life and times. Optional for Sophomores. Courses 1-3 prerequisite.

5. TACITUS. Selections from the *Histories* or *Annals*. Reading at sight. Study of the first century of the

All courses three hours unless otherwise stated.

Empire. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1916-17.

6. JUVENAL AND MARTIAL. Study of Roman Private Life. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1916-17.

7. PLAUTUS AND TERENCE. Reading at sight. Study of the history of the Roman Drama. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1917-18.

8. CICERO, *Letters*. Study of the author's life and times. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1917-18.

ROMANCE LANGUAGES

PROFESSOR LARWILL

ASSISTANT PROFESSOR TOBAR

1. ELEMENTARY FRENCH. Pronunciation, the essentials of grammar, reading of simple prose and translation into French of short English sentences. Books: Fraser and Squair, *French Grammar*; Aldrich and Foster, *A French Reader*; Larousse, *Histoire de France*.

2. ELEMENTARY FRENCH. Further study of grammar in connection with exercises in composition, reading of Merimée's *Colomba* and two similar texts.

3, 4. SECOND YEAR FRENCH. Reading of several shorter novels and plays by modern authors; composition and conversation.

5, 6. GENERAL SURVEY OF FRENCH LITERATURE and reading of works representative of various important movements. Courses 3 and 4, or their equivalent, prerequisite. Offered in 1917-18. Books: Pélissier, *Précis de l'Histoire de la Littérature Française*; Vreeland and Michaud, *Anthology of French Prose and Poetry*.

7, 8. THE LITERATURE OF THE EIGHTEENTH CENTURY. Readings, reports and discussions in French and in English. Courses 3 and 4, or their equivalent, prerequisite. Offered in 1918-19.

9, 10. FRENCH CONVERSATION. Practice in the use of the language of social intercourse, of business, and of travel; letter writing. Courses 3 and 4, or their equivalent, prerequisite. Books: Kron, *Le Petit Parisien*; Blanchaud, *French Idioms*. Offered in 1917-18.

11. ITALIAN: *First Course*. Pronunciation, grammar, simple composition, reading of easy prose. Books: Grandgent, *Italian Grammar*; Bowen, *Italian Reader*; Fogazzaro, *Pereat Rochus*.

12. MODERN ITALIAN PROSE AND COMPOSITION. Reading of selections from Manzoni, D'Annunzio and Verga; composition. Books: Grandgent, *Italian Composition*; *Italian Short Stories*; Manzoni, *I Promessi sposi*.

13, 14. SPANISH: *First Course*. Pronunciation, grammar, simple composition, conversation, reading of easy prose. Books: *Epitome de la Gramática de la Real Academia Española*; *El libro de Juanito*.

15, 16. MODERN SPANISH LITERATURE AND COMMERCIAL SPANISH. Reading of representative novels and plays; composition and conversation. Books: Ford, *Spanish Composition*; Echegaray, *O Locura O Santidad*; Galdos, *Doña Perfecta*; Harrison, *A Spanish Commercial Reader*.

17, 18. PORTUGUESE: *First Course*. Grammar, composition, conversation. Books: Branner, *Portugeuse Grammar*; Andrade, *Segundo livro de leitura*.

All courses three hours unless otherwise stated.

GERMAN

PROFESSOR WEST

1, 2. ELEMENTARY GERMAN. Pronunciation, essentials of grammar with constant drill on forms, simple prose composition and practice in speaking German; easy German prose and poetry selected from modern authors, with at least one complete longer story.

3. NINETEENTH CENTURY PROSE. Heyse, *L'Arrabbiata*; Heine, *Die Harzreise*; Wesselhoeft, *German Exercises*; Thomas, *Practical German Grammar*.

4. NINETEENTH CENTURY POETRY. Heine, *Poems*; grammar and composition as in 3.

5, 6. STUDIES IN EIGHTEENTH CENTURY LITERATURE. The life and works of the great writers of the century will be studied, with such consideration of their times and contemporaries as may be practicable. Courses 1-4 prerequisite.

7, 8. STUDIES IN NINETEENTH CENTURY LITERATURE. Subjects treated as in 5, 6. Courses 1-4 prerequisite.

9, 10. HISTORY OF GERMAN LITERATURE. A study of the development of German Literature and reading of selections from representative authors of the most important periods. Priest, *A Brief History of German Literature*; Henschel, Hey and Lyon, *Handbuch zur Einführung in die deutsche Litteratur*. Courses 1-4 prerequisite.

Courses 1-4 are given each year. Of courses 5-10, one is given each year, determined by the number of students electing it. For 1915-16 Course 7, 8 was elected with Grillparzer as the author; for 1916-17 Course 5, 6 with Goethe as the author.

CHEMISTRY

PROFESSOR WEIDA

ASSISTANT PROFESSOR JOHNSON

MR. WOOD

1. GENERAL INORGANIC CHEMISTRY. The work is a descriptive study of the common materials, and includes fifty laboratory periods of at least two hours each, besides recitations and personal conferences. Required of Freshmen in Scientific Course—and in other courses alternative with Physics 1. Four hours credit.

The laboratory work is based on Smith and Hale's laboratory outline. The recitations and conferences are adapted to the work actually being done, with assigned readings in several text-books.

1. (a) The same course as outlined above, with the details changed somewhat for students presenting entrance credits in chemistry.

2. GENERAL INORGANIC CHEMISTRY (CONTINUED). Fifty laboratory periods of at least two hours each, with recitations and conferences as above stated. Extra laboratory periods are arranged for those properly qualified. (See Course 6.) This course is a continuation of the above from the same descriptive point of view. Especial attention is paid to the useful metals and alloys, their manufacture, their properties and the products they yield. Some work is also done on the detection or analysis of simple compounds. Four hours' credit. Required in Scientific Course (alternative with Physics 2 in other courses.)

3. QUALITATIVE ANALYSIS. A course based on the preceding year of inorganic chemistry, beginning with single salts and passing through the methods of chemical analysis while reviewing the chemical reasons for each

All courses three hours unless otherwise stated.

step. Each student analyzes a number of unknown substances, both solids and liquids. Six hours each week in the laboratory with frequent conferences and recitations held in the classroom.

NOTE:—When consent of instructor is obtained, the amount of work done in Qualitative Analysis may be increased by continuing similar work through the second semester.

4. ORGANIC CHEMISTRY. A classroom course giving an outline view or descriptive study of the most important compounds of carbon. This course is necessary to those looking forward to the study of medicine, and may be taken immediately after Course 2, if desired.

Laboratory work on Organic preparations is not included in this course, but may be taken at the same time or following as a separate course (see Courses 6, 7).

5. ADVANCED TOPICS IN CHEMISTRY.

A classroom course open to Juniors and Seniors who have had Courses 1-4. The special subjects vary from year to year, and have included the following courses:

(a) Reading of Chemical German (essays and texts).
Prerequisite, German as well as Chemistry.

(b) Advanced Organic Chemistry.

(c) Theoretical Chemistry and Calculations.

(d) History of Chemistry.

6. CHEMICAL PREPARATIONS. A laboratory course open only to those who have made a good record in Chemistry of the first semester. The student himself prepares a selected list of materials that are being studied in the descriptive courses. It may thus accompany Course 2 and 4, or follow these. This work must ordinarily be done in the second semester. Either 3 or 6 hours' credit, according to assignment.

7. CONTINUATION OF COURSE 6. Such a continuation in the first semester is allowed only in exceptional cases; and in each case the consent of the professor must be secured before registration.

8. DESCRIPTIVE MINERALOGY. A course planned to follow Qualitative Analysis (Course 3 prerequisite) and including some of the methods of blowpipe analysis. The course is, however, descriptive, as the name implies, rather than analytical, and may be taken by those desiring information on the common minerals and ores. The description of mineral species requires at the beginning a study of the crystal forms in which they may occur, and of any other physical properties that may be of value in description. Offered only when desired by four or more students.

9-12. ADVANCED LABORATORY WORK. A course in pure Chemistry for general students; and open only to Seniors who have previously shown special excellence in Chemistry. Prerequisite: Courses 1-4. The main work will be in Quantitative Analysis, but in some cases special subjects such as medical chemistry may be taken up after sufficient general quantitative work has been done. The work is individual, under the supervision of the professor, and may be taken as a single course for 3 hours' credit, or as a double course for 6 hours' credit.

BIOLOGY

PROFESSOR WALTON

The courses in this department are not only designed for the general student, but also furnish special training for students who expect to study medicine.

1, 2. GENERAL BIOLOGY. This course is intended primarily as an introduction to subsequent courses, and consists of lectures, recitations and laboratory work on selected types of animals and plants. In addition, topics

All courses three hours unless otherwise stated.

of general interest are considered, such as the constitution of living matter, biogenesis and abiogenesis, the cell theory, variation, adaptation, mimicry, heredity, selection, reaction of organisms, etc. These exercises are supplemented by occasional field excursions. Two laboratory periods of two and one-half hours each and one hour lecture a week. Elective for Sophomores, Juniors and Seniors.

3. COMPARATIVE ANATOMY OF THE VERTEBRATES. Lectures, recitations and laboratory work on vertebrates from Amphioxus to Man, with particular attention to comparisons of the skeletal system, the nervous system, the circulatory system, etc. Text-book, Pratt, *Vertebrate Zoology*. Five hours' laboratory and one hour lecture a week. Elective for Juniors and Seniors. Courses 1-2 prerequisite.

4. HISTOLOGY AND MICROTECHNIQUE. This course is closely correlated with Course 3 of which it forms the continuation. Permanent preparations are made of organs and tissues which have been previously dissected, fixed and placed in alcohol or imbedded in paraffine. Particular attention is paid to the physiologic function of the various groups of cells. The theory of the microscope and methods in microtechnique sectioning, staining, etc., are carefully considered at the beginning of the course. Five hours laboratory and one hour lecture a week. Elective for Juniors and Seniors.

5, 6. NEUROLOGY. A comparative study of the growth and structure of the nervous system in the different groups of animals, with particular attention to the morphology of the central nervous system of the vertebrates. Five hours laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1916-17.

7, 8. EMBRYOLOGY. Lectures, recitations and laboratory work based on a general study of the development of animals from the formation of the egg to the attainment of growth in the adult. Particular attention is given to cytology during the early part of the course. A series of *in toto* preparations and transverse sections from the early stages of the chick are made by each student to be used in subsequent study. Text-book: McMurrich or Heisler. Reference books: Minot, Hertwig, Roule, etc. Five hours laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1915-16.

9, 10. ADVANCED BIOLOGY. Special laboratory work arranged with reference to the individual needs of the students wishing to devote a maximum amount of time to the study of Biology. Courses 1-4 prerequisite.

PHYSICS

ASSISTANT PROFESSOR JOHNSON

A. ELEMENTARY PHYSICS. A first course designed to acquaint the student with the general content of the science, both historically and in its increasing relation to daily life. It consists of lectures and recitations in which emphasis is placed on the experimental and descriptive rather than on the mathematical, side of the subject. Three lectures and one laboratory period a week. Four hours' College credit for those who do not present elementary physics for entrance. Second semester only.

1, 2. GENERAL PHYSICS. A course in college physics following Physics A, and entering more into the theory of physical phenomena and the relation between theory and experiment than is possible in the elementary course. The accompanying laboratory work is purely quantitative. Three experimental lectures a week and at least fifty hours

All courses three hours unless otherwise stated.

of laboratory work each semester. Open to all students who have had Physics A or its equivalent, and who have had or are taking Mathematics 1 and 2. Four hours' credit.

NOTE:—Of the courses listed below, only a part are offered each year, as indicated by the accompanying dates. They are also so arranged that the advanced laboratory and theoretical courses may be taken in conjunction advantageously, in which case six hours credit will be given, e. g., as follows:

Course 3 with course 7.

Course 4 with course 10.

Course 5 with course 11.

Course 6 with course 12.

Courses 3, 4, 5 and 6 are primarily laboratory courses. Each consists of three laboratory periods a week, of at least two hours each. Occasionally a lecture may be substituted for one of these periods. Prerequisites: Physics 1 and 2, and Mathematics 1 and 2.

3. EXPERIMENTAL MECHANICS. 1916-17.

4. HEAT. A laboratory study of heat effects, changes in volume, thermometry, calorimetry, transfer of heat-energy, the mechanical equivalent of heat, etc. 1916-17.

5. SOUND AND LIGHT. An experimental study of vibrating bodies and wave motion in various media, reflection, refraction, dispersion, color sensation, and polarization. 1917-18.

6. ELECTRICAL MEASUREMENTS. Fundamental electrical units, measurements of resistance, current, electromotive force, quantity, capacity, self- and mutual-induction. 1917-18.

NOTE:—Courses 7, 8, 10, 11 and 12 are lecture and problem courses with collateral reading. Open to those who have had Physics 1 and 2, and who have had or are taking Mathematics 3 and 4.

7, 8. THEORETICAL MECHANICS. An elementary course in analytical mechanics. 1916-17.

10. THEORY OF HEAT. An analytical study of heat sources, heat transferences, methods of heat measurement,

Odd numerals indicate first semester; even numerals second semester.

the Kinetic Theory of Gases, and the thermodynamics of heat engines. 1916-17.

11. THEORY OF LIGHT. A study of the underlying principles of Geometrical and Physical Optics. 1917-18.

12. THEORY OF ELECTRICITY AND MAGNETISM. Electrostatics, electric circuit calculations and the theory of electrical measuring instruments. 1917-18.

13, 14. DYNAMO-ELECTRIC MACHINERY. Direct and alternating current, in theory and practice. A pre-engineering course. Two lectures and one laboratory period a week. Prerequisite: Physics 6 or 12.

15. HISTORY OF PHYSICS. A course of lectures on the leading physicists of all ages and their work. Supplemented with reports on collateral reading. Open to those who have had Physics 1 and 2.

16. ELECTRON THEORY. An advanced course on electrolytic conduction, conduction of electricity through gases, and radioactivity. Lectures and reports on collateral reading. Prerequisite: Physics 11 and 12, and Mathematics 7.

MATHEMATICS AND CIVIL ENGINEERING

PROFESSOR ALLEN

1. PLANE AND SPHERICAL TRIGONOMETRY. Required of all Freshmen not presenting an entrance equivalent.

2. ALGEBRA. Required of all Freshmen not presenting an entrance equivalent.

3. ANALYTIC GEOMETRY. Text, *Co-ordinate Geometry*. Fine and Thompson. Required of Scientific Freshmen and of others presenting Mathematics 1 for entrance. Elective for Sophomores. Course 1 prerequisite.

All courses three hours unless otherwise stated.

4. CALCULUS. Text, *The Calculus*, Davis. Required of Scientific Freshmen and others presenting Mathematics 1 and 2 for entrance. Elective for Sophomores. Course 3 prerequisite.

5, 6. CALCULUS AND ANALYTICAL GEOMETRY. An amplification and extension of Course 4, which is prerequisite, along with the application of the Calculus to Analytic Geometry. Elective for students who have taken Course 4 or its equivalent.

7, 8. DIFFERENTIAL EQUATIONS AND LEAST SQUARES. Course 6 prerequisite. This course is designed primarily for students intending to study engineering and their needs are considered throughout. 1916-17.

10. DESCRIPTIVE ASTRONOMY. (Alternate years; given 1916-17.)

11, 12. PLANE SURVEYING. Text, Raymond. Also TOPOGRAPHIC AND RAILROAD SURVEYING. Offered in 1917-18.

13. FIELD WORK IN SURVEYING. Courses 11 and 12 continued and applied to concrete problems. Three hundred hours of office and field work given in the six weeks following Commencement. Offered in 1917-18.

15. DESCRIPTIVE GEOMETRY. Text, *Descriptive Geometry, with Shades and Shadows and Perspective*, Church. Courses 1 and 2 prerequisite. Given in 1916-17.

16. ELEMENTARY MECHANICAL DRAWING. Seven and one-half hours a week (3 hours' credit). Given in 1916-17.

HISTORY

1, 2. MEDIEVAL AND MODERN EUROPEAN HISTORY. The period of history covered extends from the Fall of the Roman Empire and the Great Migrations to the French Revolution. The development of modern, in-

dustrial, social and political systems receives careful attention. Robinson's *History of Western Europe* and Trenchholm's *Syllabus* are used as texts, but much collateral reading is required. Elective for Sophomores and Juniors. PROFESSOR CAHALL.

3, 4. HISTORY OF THE NINETEENTH CENTURY IN EUROPE. This course covers the history of Europe from the beginning of the French Revolution to the present time, special attention being given to the Unification of Germany and of Italy. Elective for Juniors and Seniors. Alternate years. Offered in 1916-17. PROFESSOR CAHALL.

5, 6. ENGLISH CONSTITUTIONAL HISTORY. The course covers the whole period of the development of the English Constitution. Gardiner, *Student's History*, is used as the basis of the work, with collateral reading and the preparation of essays. Elective for Juniors and Seniors. Courses 1 and 2 prerequisite. Alternate years. Offered in 1916-17. PROFESSOR CAHALL.

7, 8. AMERICAN POLITICAL HISTORY. The period covered extends from the middle of the Eighteenth Century to the end of the Reconstruction period in 1876. Outside reading and the private investigation of assigned subjects form a large part of the course. MacDonald's collection of documents is used extensively. Required of Juniors. PRESIDENT PEIRCE.

10. ROMAN HISTORY. Emphasis is placed upon the later Republican and the Imperial periods. Elective for Sophomores and open to Freshmen. PROFESSOR MANNING.

11. THE RISE OF PRUSSIA AND THE FORMATION OF THE GERMAN EMPIRE. A study of the growth and political development of Prussia, and the genius of German civilization. History 1 and 2 prerequisite. Alternate years. Offered in 1917-1918. PROFESSOR CAHALL.

12. THE PROTESTANT REVOLT. A study of the economic, political and intellectual conditions which caused the rupture in the Catholic world; and also of the origin of modern religious beliefs. Alternate years. History 1 and 2 prerequisite. Offered in 1917-1918.

PROFESSOR CAHALL.

POLITICAL SCIENCE

PROFESSOR CAHALL

1. AMERICAN GOVERNMENT. The national and state systems are discussed in lectures, recitations and debates. The text is Beard's *American Government and Politics* and the readings for the same. Elective for Sophomores, Juniors and Seniors.

2. AMERICAN GOVERNMENT. The municipal system and its problems are the subject. Beside a study of the functions and needs of the American city attention is given to the organization and administration of European cities. The text is "*The American City*," by W. B. Munro. Elective for Sophomores, Juniors and Seniors.

3, 4. CONTEMPORARY POLITICS AND THE GOVERNMENTS OF EUROPE. The course analyzes the present governments of Europe in the light of their origin. By a study of the vital problems of Europe since 1870, it attempts to explain the World War. Lectures, discussions and reports upon outside reading. Text, Frederic A. Ogg, *The Governments of Europe*. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1916-17.

5. MUNICIPAL ADMINISTRATION. The problems of city administration will be taken up following a thorough review of the organization of city government. Open to Juniors and Seniors. Alternate years. Offered in 1917-18.

6. **INTERNATIONAL LAW.** A course devoted to the rules observed by the leading nations in peace and war, the effects of new conditions, developed in recent wars, and the movement towards the prevention of war. Open to Sophomores, Juniors and Seniors. Alternate years. Offered in 1917-18.

ECONOMICS AND SOCIOLOGY

PROFESSOR SELINGER

1, 2. **PRINCIPLES OF ECONOMICS.** An introductory course in the fundamental principles and problems of the science. Recitations, lectures, discussions, one essay per semester. Elective for Sophomores, Juniors and Seniors.

3. **MONEY AND BANKING.** The theory of money, credit and prices. The monetary systems of the world; the present banking systems of the United States and other countries. International exchange. The principles of banking. Pre-requisite Courses 1 and 2. Elective for Juniors and Seniors.

4. **LABOR CONDITIONS.** A study of the industrial group in its physical, economic, social and cultural relations. Including a treatment of immigration, trade unionism, and socialism. A lecture course, with collateral reading, class discussions, reports and a research essay. Elective for Juniors and Seniors who have taken either Economics 1 and 2 or Sociology 11. Given 1916-17 and each year hereafter. Second Semester.

5. **ECONOMIC HISTORY.** A study of the genesis of modern capitalism, with reference especially to the processes of distribution. Recitation, lecture, discussion, and a research essay. Same requirements as Course 3. First semester 1917-18.

6. **PUBLIC FINANCE.** The evolution of the tariff, income and inheritance taxation. Principles of taxation and

the general theory of international commerce. Same requirements as Course 4. Second semester 1917-18.

BUSINESS

7. COMMERCIAL LAW. The purpose of this course is to familiarize the future business and professional man with the fundamental principles of the law of contracts, negotiable instruments, agency, partnership, corporations, sales, investments, insurance, real and personal property. Text-book, class discussions, daily written problems, collateral reading. Open to all classes.

8. PRINCIPLES OF ACCOUNTING. While technical in method, this course aims at the interpretation of accounts rather than at the training of accountants. The interpretation of balance sheets and their relations, capital and operating expenses, including the principles of valuation and scientific bookkeeping are studied experimentally. A knowledge of advanced bookkeeping is desirable, though not required. Open to all classes.

9. BUSINESS ORGANIZATION. A study of modern business management, from the point of view of commercial efficiency. Scientific management as applied to purchase, sale and factory management; the psychology of advertising and the technique of salesmanship. A laboratory course. Open to all classes.

10. COMBINATIONS. The principles of finance capital, including the functioning of the promoter, the pool, monopoly and trust, with reference to price, the labor situation and social and political welfare. A research course. Prerequisites same as Course 4.

SOCIOLOGY

11. INTRODUCTION TO THE STUDY OF SOCIETY. An application of the process concept to the forms of human association. A cursory survey of the family, in its genetic

Odd numerals indicate first semester; even numerals second semester.

and social aspects, and a summary of problems arising from the functioning of race, oppression and ignorance. Text-book, collateral reading, and research essay.

12. **THE CITY.** A study of the social, political and economic functioning of urban groups. A lecture course with collateral reading, reports and a research essay. Second semester 1916-17.

13. **THE RURAL COMMUNITY.** A study of the conditions of social existence in the country. A lecture course. Second semester 1917-18.

14. **PHILANTHROPY.** Studies in the nature, origin and relief of dependent, defective and delinquent classes. A program of social prophylaxis. Second semester 1918-19.

MENTAL AND MORAL PHILOSOPHY

1. **LOGIC AND ETHICS.** The fundamental principles of deductive and inductive Logic are covered during the first half of the semester and a general survey of the problems and methods of Ethics occupy the remainder of the time. Creighton and De Laguna are used as handbooks supplemented by lecture and discussion. Elective for Juniors and Seniors. **PRESIDENT PEIRCE.**

2. **PSYCHOLOGY.** The course in Psychology consists of one lecture and two recitations each week. Witmer's Analytical Psychology is used as a text-book, while in the lectures an effort is made to correlate the views of the older schools of psychologists with the recent views of Loeb, Jennings, etc., concerning the dynamics of living matter. Elective for Juniors and Seniors.

—PROFESSOR WALTON.

3. **HISTORY OF PHILOSOPHY.** A brief but systematic and critical outline of Ancient, Mediæval and early Modern Philosophy is presented. The text used is Cush-

All courses three hours unless otherwise stated.

man, *A Beginner's History of Philosophy*. Elective for Juniors and Seniors. Alternate years. Offered in 1917-18.
PRESIDENT PEIRCE.

4. METAPHYSICS. On the foundation furnished by Course 3 a more thorough study of particular systems of Philosophy is pursued. The critical philosophy of Kant and the present situation in philosophy are given special attention. Course 3 prerequisite. Elective for Juniors and Seniors. Alternate years. Offered in 1917-18.

PRESIDENT PEIRCE.

THE BIBLE

PROFESSOR SMYTHE

1. INTRODUCTION TO THE BIBLE. The student is given a good deal of information regarding the composition of the books of the Bible, their transmission, the canon, textual criticism, translations, etc. In the latter part of the semester the history of the Hebrew people is studied in outline. One hour a week. Required of Sophomores.

2. THE LIFE OF OUR LORD. An effort is made to present to the student a clear picture of the Master, His character, ideals and work. The Gospel according to St. Mark is the basis of this study. One hour a week. Required of Sophomores.

4. THE RELIGION OF ISRAEL. An introductory course. Kent's Historical Bible is used, lectures are given, and a considerable amount of outside reading is required. Elective for Juniors and Seniors. Alternate years. Offered in 1917-18.

6. THE ETHICAL TEACHING OF JESUS CHRIST. A study of the principles enounced by Christ, and of their application to modern conditions and problems. Elective for Juniors and Seniors. Alternate years. Offered in 1916-17.

HYGIENE AND PHYSICAL TRAINING

ATHLETIC DIRECTOR KELLEHER

1. **HYGIENE.** A course of weekly lectures on physiology and personal hygiene is delivered in the early winter to the members of the Freshman class, who are required to be present.

Each new student is given a careful physical examination and such exercise as this examination shows to be beneficial is assigned in the gymnasium.

2. **PHYSICAL TRAINING.** Class exercises: Military drill, setting-up drill and Indian club swinging. Squad exercises (graded to suit the strength of each squad); indoor athletics and chest weights. Required of Freshmen twice a week from December to April.

3. **PHYSICAL TRAINING.** Class exercises: Dumb-bells. Squad exercises: indoor athletics, parallel bars and swinging rings. Required of Sophomores twice a week from December to April.

LECTURES TO FRESHMEN

During the first two or three months of the college year weekly lectures are given to new students by the President of the College. The main problems of College life and work are discussed with an exposition of College rules. Five or six lectures on the history of Kenyon College terminate the course.

GENERAL INFORMATION

MATRICULATION

Each student on entering College is assigned to a member of the Faculty who acts as his special adviser in all matters pertaining to his College work and life.

A student is admitted to matriculation when he has sustained a satisfactory probation, as described on page 00. Matriculation gives accredited membership in the Institution, entitles the student to an honorable dismissal and is essential to his obtaining a degree. The public exercise of matriculation occurs shortly after Thanksgiving recess. Each student then signs the following obligation:

We, the subscribers, undergraduates of Kenyon College, being now admitted to the rite of matriculation, do promise, each for himself:

1. That we will faithfully observe and obey the laws and regulations of the College, and all authoritative acts of the President and Faculty, so long as we are connected with the College; and as far as may be in our power, on all occasions we will give the influence of our good example and precept to induce others in like circumstances to do the same.

2. As faithful sons of Kenyon College, we will render to her as our Alma Mater, at all times and on all occasions, due honor and reverence, striving to promote her welfare by all proper means, and abstaining carefully from all things that may tend to impair her influence or limit her usefulness as a seminary of learning.

BACCALAUREATE DEGREES

The degrees of Bachelor of Arts, Bachelor of Philosophy and Bachelor of Science are conferred upon the completion of the classical, philosophical, and scientific courses respectively.

Final Honors

Honors at graduation are conferred in the order of rank upon students whose average grade for the entire course is $1\frac{1}{2}$ or higher. The names of honor men are announced at the Commencement exercises and are printed in the annual catalogue.

Students are graded in all subjects on the scale of 5, 1 standing for the highest rank or excellent work. A grade of 3 is required for passing. When the average of all marks for the college course yields a result of $1\frac{1}{2}$ or less, graduation honors are awarded.

For a grade of 1 in any course an extra credit of one-sixth is allowed; thus, a grade of 1 in a three-hour course counts $3\frac{1}{2}$ hours toward graduation.

The Phi Beta Kappa Society

At seventy-one American colleges and universities chapters of the Phi Beta Kappa Society are at present established. The society was organized to encourage and to recognize excellence in scholarship, and high standing is an essential condition for admission. The fraternity established the Beta Chapter of Ohio at Kenyon College in 1858. Undergraduates may be elected at the end of the Junior and of the Senior year.

THE DEGREE OF MASTER OF ARTS

Graduates of Kenyon College, or of some other institution of equal standing, pursuing non-technical or non-professional courses in any accredited institution of learning, may be admitted as candidates for the degree of

Master of Arts by vote of the College Faculty. Each candidate shall be assigned to the oversight of some member of the College or Seminary Faculty, who shall be director and judge of his work. This work shall consist of courses of graduate study closely related to the work comprised in the curriculum of Kenyon College and equivalent in amount to the studies of a full college year of fifteen hours per week, and shall include the completion and presentation of a thesis embodying the results of this work. This thesis shall be presented not later than May 15, and must be approved by the Director and two other members of the Faculty.

The fee charged for the Master's degree is \$25.00, of which \$20.00 must be paid on admission as candidate and \$5.00 accompanying transmission of the thesis.

This degree may be also conferred *honoris causa* upon men of good attainments in literature, science, history or philosophy, who shall submit theses or essays or published works indicative of such attainments.

Further, this degree may be conferred on graduates of Bexley Hall who are graduates of Kenyon College or of some other institution of equal standing, who shall fulfill the requirements regarding the thesis as stated above and shall accompany the transmission of the same with the payment of the fee of \$5.00.

HOODS

The American intercollegiate system of academic costume has been adopted. For the Bachelor's degree the hood is black in color and not exceeding three feet in length. It is of the same material as the gown and lined with mauve silk, the College color. The binding or edging, not more than six inches in width, is distinctive of the faculty to which the degree pertains, as follows: Arts, white; Theology, scarlet; Law, purple; Philosophy, dark blue; Science, gold yellow. The hood for the Master's degree is the same shape as the bachelor's but one foot

longer. The Doctor's hood is of the same length as the Master's, but has panels at the sides.

EXAMINATIONS

Final examinations are held at the end of each semester and cover the work of the half year.

Students are required to take final examinations in all subjects. Any student absenting himself from such examinations is required to repeat the subject in class and is not allowed to make it up by examinations.

Since 1901 all examinations have been held under an honor system, which has achieved excellent results. The following resolutions adopted by joint action of students and faculty describe the system:

Resolved, That, subject to confirmation by the Faculty and the Assembly, all examinations, whether original or conditional, and all tests and written lessons shall be conducted in accordance with the principles of the Honor System; and, That the Honor System shall be conducted as follows:

1. A committee of seven men, representing each division of the student body and made up of three Seniors, two Juniors, one Sophomore and one Freshman, shall be elected at the first Assembly meeting of each year.

2. The duties of the committee shall be (a) to draw up rules to govern the examinations of each year; (b) to investigate any case of suspected violation of the principles of the Honor System, and to recommend to the Faculty for expulsion any student found guilty of such violation.

3. No instructor shall remain in the room where examinations, tests, or written lessons are being held, unless by special request of the class; and,

That every student taking work in the College shall sign the following honor pledge, which shall be binding at all examinations, tests, or written lessons, to-wit:

(*Pledge.*) In view of the introduction of the Honor System of examinations I pledge myself to support that system to

the utmost of my ability, and not only myself to act in accordance with what I conscientiously believe to be its spirit, but also to encourage others to do the same and strongly to discountenance any violation of it.

CONDITIONS

A student whose grade falls below the passing standard of 3, and is expressed by the mark of 4, is given an opportunity to remove the condition by passing another examination. Failure to pass this examination deprives the student of credit in the subject.

This examination for the removal of conditions is held not later than the middle of the following semester.

RELIGIOUS SERVICES

Morning prayers are said daily in the College church. The Holy Communion is celebrated every Sunday at half past seven in the morning and also at half past ten on the first Sunday of the month. On Saints' Days the Holy Communion is celebrated at a quarter past nine in the morning. The choir is composed of College students.

Students are required to be present at Morning Prayers every day and at the Church service on Sunday morning and the chief Holy Days.

Every absence from or tardiness at Morning Prayers gives one mark for absence, and every absence from or tardiness at a Church service at which attendance is required gives two marks. A student is allowed thirty-five marks a semester, and is suspended for the remainder of the semester if he exceeds that number. No application for excuse on any ground whatever is received from the student.

DISCIPLINE

Regularity in the performance of all College duties is insisted upon, and any student who persistently neglects his work is required to leave College.

The Faculty reserves the right to suspend or remove any student whenever it believes that the interests of the College require such action.

A committee of Seniors elected by the student body assumes the responsibility of maintaining discipline in the College dormitories. It is the duty of this committee to preserve good order and to enforce the rule of Trustees and Faculty which strictly forbids the keeping of intoxicating liquor on the College premises. The committee holds frequent meetings and meets once a month with the President of the College.

EXPENSES

The necessary expenses of a student including table board, laundry, books and all College fees amount as a rule to between one hundred and fifty to two hundred dollars for each semester. A list of the College fees follows:

Entrance fee	\$ 5 00
Tuition, per annum	75 00
Incidental fee, per annum	10 00
Library and Reading Room, per annum	3 00
Gymnasium fee, per annum	3 00
Room rent, per annum	\$20 00 to \$50 00
Heat, per annum	15 00 to 40 00
Diploma fee	5 00

For laboratory courses in the departments of chemistry, physics and biology, a fee of \$5.00 a semester is charged.

Each student must keep on deposit with the Treasurer \$5.00 as security for damages. Any balance is returned at the close of the year.

College dues are payable in two equal installments, one of which is due near the beginning of each semester. The following rule of the Board of Trustees regulates the payment:

All students are required to pay their term bills in advance. Any student whose term bill shall not have been paid within two weeks after the date of its issue from the Treasurer's office will be suspended from all College privileges until payment has been made. If the bill shall remain unpaid at the end of the semester, the suspension will become final.

DORMITORY ROOMS

Old Kenyon and Hanna Hall, the College dormitories, are handsome, convenient buildings, with the most modern systems for heating and plumbing. The charge

for rent and heat varies from \$1 to \$2 a week. The rooms are heated by steam and are finished in hardwood. Furniture must be provided by the student.

All students room in the College dormitories except upon special permission from the President. Rooms are assigned from the President's office.

New students should apply for rooms at least several weeks before the opening of the College year. At present the buildings are so full that early application is necessary to secure a room.

Second-hand furniture can often be bought to advantage from students who are leaving College or through the Superintendent, John Parker, to whom inquiries for furniture should be addressed.

THE COLLEGE COMMONS

By the co-operation of Trustees and Alumni a College Commons was opened in 1912. Gifts in June, 1915, from Samuel Mather, David Z. Norton, James H. Dempsey and William G. Mather provided for the enlargement and improvement of the Commons building. Dining and lounging-rooms are now ample and attractive and the entire equipment is thoroughly modern. The Commons furnishes excellent board at cost and provides a ground of meeting for all of the men in College.

All students are required to pay a Commons fee of \$15 a semester. The price of board in addition to this fee is \$3.50 a week, payable strictly in advance.

By action of the Board of Trustees all students receiving scholarship concessions of any kind whatever are required to board at the Commons.

STUDENT ORGANIZATIONS

The literary societies, the Philomathesian, founded in 1827, and the Nu Pi Kappa, founded in 1832, are actively maintained. Weekly meetings are held by both societies, and one or more debates with other colleges are arranged each year. Interest is further stimulated by the inter-

society debates for the Stires Prizes. By gifts from the Alumni, the society rooms in Ascension Hall are handsomely finished in carved oak, with beamed and paneled ceilings and elaborate window and door casings.

The student publications are the *Collegian*, which appears three times a month during the college year, and the *Reveille*, published annually by the Junior class.

The management of all athletic, musical, dramatic and other interests is vested in the Kenyon College Assembly, the corporate organization of the student body.

REGISTER OF STUDENTS, 1916-1917

SENIOR CLASS

FREDERICK REID CROSS, <i>*Literary</i>	22	E. W., Old Kenyon Houghton, Mich.
SAMUEL JOHNSTON DAVIES, <i>Philosophical</i>	48	E. D., Old Kenyon Piqua
ELRICK B. DAVIS, <i>Philosophical</i>	41	E. W., Old Kenyon St. Charles, Ill.
ROY ELLICOTT DEPRIEST, <i>Philosophical</i>		Bexley Hall Cleveland
WALTER HENRY ENDLE, <i>Philosophical</i>	25	S. D., Hanna Hall Bellevue
HERBERT SPRAGUE HAMILTON, <i>Philosophical</i>	21	E. W., Old Kenyon McArthur
ALEXANDER RANKIN MCKECHNIE, <i>Philosophical</i>	5	E. D., Old Kenyon St. Paul, Minn.
JAMES EDWIN CAMPBELL MEEKER, <i>Philosophical</i>	38	N. D., Hanna Hall Columbus
CLARENCE VINCENT METCALF, <i>Philosophical</i>		Gambier
MILTON GEORGE NICOLA, <i>Philosophical</i>		Bexley Hall Ravenna
LE ROY WASHINGTON PILCHER, <i>Philosophical</i>	41	S. D., Hanna Hall McArthur
JAMES ATLEE SCHAFFER, <i>*Literary</i>	42	E. W., Old Kenyon Cleveland
FRANCIS BERTON SHANER, <i>Classical</i>		Bexley Hall Toledo
JAMES WENDELL SOUTHARD, <i>Philosophical</i>	60	W. W., Old Kenyon Toledo
PHILIP WOLCOTT TIMBERLAKE, <i>Classical</i>	27	M. D., Old Kenyon Steubenville
PHILIP EDWIN TWIGG, <i>*Literary</i>	40	W. W., Old Kenyon Union City, Ind.

*For requirements for the Literary Course see catalogue for 1912-13.

DONALD HUBERT WATTLEY, <i>Classical</i>	37	N. D., Hanna Hall Evanston, Ill.
EDWIN CHARLES WELCH, <i>Scientific</i>	6	E. D., Old Kenyon Athens
WILLIAM JAMES WHITE, <i>Classical</i>		General Theol. Seminary Blairsville, Penna.
CHARLES DAVID WILLIAMS, JR., <i>Classical</i>	2	S. D., Hanna Hall Detroit, Mich.

JUNIOR CLASS

CLARENCE JAMES ADER, <i>Literary</i>	19	M. D., Hanna Hall Newport, Ky.
DONALD GRAY ALLEN, <i>Philosophical</i>	28	E. D., Old Kenyon Cleveland
RALPH NELSON ANDREWS, <i>Scientific</i>	54	W. D., Old Kenyon Huntington, W. Va.
LUCIEN VESPASIAN AXTELL, <i>Literary</i>	2	E. W., Old Kenyon New York City
ROBERT LEE BAIRD, <i>Literary</i>		Bexley Hall Newark
ROBERT COGLAND BARRON, <i>Scientific</i>	25	E. D., Old Kenyon Coshocton
CARL RICHARD BRICK, <i>Scientific</i>	28	E. D., Old Kenyon Painesville
WARREN HASKELL CATT, <i>Scientific</i>	22	E. W., Old Kenyon Lima
LELAND HOBART DANFORTH, <i>Classical</i>	22	S. D., Hanna Hall Park Ridge, Ill.
FREDERICK BROWN DECHANT, <i>Scientific</i>	2	E. W., Old Kenyon Middletown
JAMES PERNETTE DEWOLF, <i>Philosophical</i>	12	M. D., Hanna Hall Rosedale, Kansas
MARION DREXEL DOUGLASS, <i>Classical</i>	5	S. D., Hanna Hall Mansfield
HENRY SMITH DOWNE, <i>Philosophical</i>	57	N. D., Hanna Hall Canton
TODD MEARL FRAZIER, <i>Philosophical</i>	11	M. D., Hanna Hall Lima
WILLIAM HARRISON GALBERACH, <i>Philosophical</i>	11	M. D., Hanna Hall Lima
JAMES RUSHWORTH GOODWIN, <i>Philosophical</i>		Bexley Hall East Liverpool

ANTHONY WILLAMOND HELEN, <i>Philosophical</i> , ...	
Gambier	
HAROLD FREDERICK HOHLY, <i>Philosophical</i> . . . 25	E. D., Old Kenyon Toledo
CHARLES CARSON JORDAN, <i>Classical</i> 39	W. W., Old Kenyon Steubenville
BRYANT CHAMBERS KERR, <i>Philosophical</i> , ...	
Centerburg	
CLIFTON KINGSLEY LOOMIS, <i>Philosophical</i> . . . 16	W. D., Old Kenyon Medina
PIERRE BUSHNELL MCBRIDE, <i>Philosophical</i> . . . 47	E. D., Old Kenyon Toledo
RAYMOND ARTHUR MCKINSTRY, <i>Philosophical</i> . . 32	M. D., Hanna Hall Chanute, Kans.
RICHARD WILLIAMS MAXWELL, <i>Philosophical</i> . . . 5	S. D., Hanna Hall Mansfield
DOUGLAS FRANC MELDRUM, <i>Philosophical</i> . . . 48	E. D., Old Kenyon Cleveland
WILLIAM VINCENT MUELLER, <i>Classical</i> 41	S. D., Hanna Hall Chilton, Wis.
OWEN JEFFERSON MYERS, <i>Scientific</i> 31	M. D., Hanna Hall Toledo
ARTHUR BENJAMIN PARKER, <i>Philosophical</i> , ...	
Gambier	
AYDEN ARBERT REMY, <i>Philosophical</i> 51	M. D., Old Kenyon Mansfield
RODNEY GARFORD ROCKWOOD, <i>Scientific</i> 6	E. D., Old Kenyon Elyria
CLIFFORD ULMAN SADLER, <i>Literary</i> 22	S. D., Hanna Hall Lakewood
ROBERT HODGSON SANBORN, <i>Philosophical</i> . . . 34	N. D., Hanna Hall East Cleveland
ALLEN DWIGHT SAPP, <i>Philosophical</i> 42	E. W., Old Kenyon Mt. Vernon
FRANK ST. CLAIRE SHOFFSTALL, <i>Philosophical</i> , ...	
Bellevue	
HAROLD BAKER SMITH, <i>Scientific</i> 51	M. D., Old Kenyon Bedford
ROLLO WILLIAM STEVENS, <i>Philosophical</i> 37	N. D., Hanna Hall Columbus
LUTHER HEISLER TATE, <i>Classical</i> 50	M. D., Hanna Hall Emporium, Penna.

CORRAL WORTHINGTON WELLMAN, <i>Classical</i> ,.....	
Gambier	
EARL MCKINLEY WOOD, <i>Scientific</i>	5 E. D., Old Kenyon
Fremont	
DONALD WORTHINGTON, <i>Philosophical</i>	34 N. D., Hanna Hall
Cleveland	

SOPHOMORE CLASS

LAFAYETTE ABBOTT, <i>Scientific</i>	19 W. W., Old Kenyon
Lancaster	
WILLIAM JENNINGS BAUER, <i>Scientific</i>	22 S. D., Hanna Hall
Bellevue	
JAMES WHITCOMB BEACH, <i>Philosophical</i>	21 S. D., Hanna Hall
Coshocton	
BYRON COLEMAN BIGGS, <i>Philosophical</i> ,.....	
Gambier	
EUGENE GROVE CARPENTER, <i>Philosophical</i>	13 N. D., Hanna Hall
Kenton	
WILLIAM LARWILL CARR, <i>Scientific</i>	42 E. W., Old Kenyon
Mansfield	
JOSEPH EMERSON CARTER, <i>Classical</i>	52 M. D., Old Kenyon
Cleveland	
FLETCHER MARSH DEVIN, <i>Philosophical</i>	1 E. W., Old Kenyon
Mt. Vernon	
JOHN FENDALL DUDLEY, <i>Scientific</i>	1 E. W., Old Kenyon
Washington, D. C.	
WILLIAM KENNETH EDWARDS, <i>Philosophical</i>	6 E. D., Old Kenyon
Findlay	
JOSEPH KARNS GARRETSON, <i>Philosophical</i>	21 E. W., Old Kenyon
Lima	
WALTER SCOTT GORDON, <i>Classical</i>	21 S. D., Hanna Hall
Cleveland	
FRANK RICHESON GUNN, <i>Scientific</i>	45 E. D., Old Kenyon
Toledo	
LELAND CECIL GUNN, <i>Philosophical</i>	45 E. D., Old Kenyon
Toledo	
RAYMOND JAMES HARKINS, <i>Classical</i>	35 W. D., Old Kenyon
Cuyahoga Falls	
GEORGE SHAW HARRISON, <i>Philosophical</i>	47 E. D., Old Kenyon
Toledo	
ROBERT U. HASTINGS, <i>Scientific</i>	31 M. D., Old Kenyon
Lancaster	

ROY HECK, <i>Classical</i>	27	M. D., Hanna Hall Ironton
ROMAYNE BRADFORD HILL, <i>Philosophical</i>	52	M. D., Old Kenyon Tacoma, Wash.
RUDOLPH RIFE KNODE, <i>Scientific</i>	1	E. W., Old Kenyon Richmond, Ind.
WENDELL CALVIN LOVE, <i>Philosophical</i>	25	S. D., Hanna Hall Fremont
THOMAS MABLEY, <i>Classical</i>	32	M. D., Old Kenyon Winslow, Arkansas
PAUL HARRIS MCGORMLEY, <i>Scientific</i>	14	W. D., Old Kenyon Fremont
CHARLES MCGUIRE, <i>Philosophical</i>	59	W. W., Old Kenyon Cleveland
DAVID FERREL MATTHEWS, <i>Scientific</i>	13	N. D., Hanna Hall Dayton
CARTER SMART MILLER, <i>Philosophical</i>	13	N. D., Hanna Hall Bay City, Mich.
EDWARD BENJAMIN PEDLOW, <i>Philosophical</i>	55	W. D., Old Kenyon Ravenna
WILBUR EVERETT POSTLE, <i>Scientific</i>	38	N. D., Hanna Hall Shepard
HERBERT BRUCE PUFFER, <i>Philosophical</i>	21	E. W., Old Kenyon Minneapolis, Minn.
AARON BURT CHAMPION ROWE, <i>Philosophical</i>	18	N. D., Hanna Hall Cincinnati
NORMAN PRIME SANBORN, <i>Scientific</i>	18	N. D., Hanna Hall Cleveland
GEORGE BENJAMIN SCHNEIDER, <i>Philosophical</i>	32	M. D., Hanna Hall Hartland, Wis.
PAUL FEHR SEIBOLD, <i>Scientific</i> , ...		Mt. Vernon
CHARLES WILFORD SHEERIN, <i>Classical</i>	39	W. W., Old Kenyon Boston, Mass.
JOHN LLOYD SNOOK, <i>Philosophical</i>	20	W. W., Old Kenyon Troy
WALTER JAMES STARRETT, <i>Scientific</i>	55	W. D., Old Kenyon Wellsville
EDWIN WALTER THORN, <i>Classical</i>	2	S. D., Hanna Hall Oneida, Wis.
ROBERT MOFFETTE TILDEN, <i>Philosophical</i>	60	W. W., Old Kenyon Cleveland

FRANCIS WHARTON WEIDA, <i>Scientific</i> , ...	
Gambier	
GRISWOLD BUTTERFIELD WERNER, <i>Philosophical</i>	
.....20 W. W., Old Kenyon	
Fostoria	
DALE TRIMMER WHITE, <i>Scientific</i>	27 E. D., Old Kenyon
Elyria	
THOMAS WETZLER WISEMAN, <i>Scientific</i>	41 E. W., Old Kenyon
Lancaster	
THOMAS EDWARD YERXA, <i>Philosophical</i>	19 W. W., Old Kenyon
Minneapolis, Minn.	
FREDERICK PILLING YOUNG, <i>Classical</i>	1 E. W., Old Kenyon
Bismarck, N. D.	
TRUMAN PADDOCK YOUNG, <i>Philosophical</i>	56 W. D., Old Kenyon
Tiffin	

FRESHMAN CLASS

FRANK ALBERT ALLEN, JR., <i>Philosophical</i>	22 S. D., Hanna Hall
Cleveland	
JAMES LAWRENCE BERKEY, <i>Scientific</i>	31 M. D., Old Kenyon
Cleveland	
ROBERT WILLIAM BLESSING, <i>Philosophical</i> ...	19 W. W., Old Kenyon
Dayton	
ARTHUR LAWRENCE BOYD, <i>Scientific</i>	32 M. D., Old Kenyon
Sharon, Penna.	
GEORGE LOUIS BRAIN, <i>Classical</i>	57 N. D., Hanna Hall
Springfield	
EUGENE FRANK CLOSE, <i>Philosophical</i>	5 E. D., Old Kenyon
Sandusky	
BERNARD WELLER COLDEWEY, <i>Philosophical</i> ..	42 E. W., Old Kenyon
Santa Monica, California	
THOMAS COMSTOCK, <i>Scientific</i>	25 E. D., Old Kenyon
Cleveland	
RUSSELL VANCE EASTMAN, <i>Philosophical</i>	2 E. W., Old Kenyon
Mt. Vernon	
BARTON HENRY GRAVES, <i>Philosophical</i>	60 W. W., Old Kenyon
Toledo	
HAROLD HOADLY GREEN, <i>Scientific</i>	20 W. W., Old Kenyon
Cleveland	
JAMES HENRY GREGG, <i>Philosophical</i>	41 E. W., Old Kenyon
Minneapolis, Minn.	
KENNETH MERCER HARPER, <i>Philosophical</i> ...	21 E. W., Old Kenyon
Mt. Vernon	

WILLIAM ANDREW HENDERSON, <i>Scientific</i>	15	W. D., Old Kenyon Zanesville
ALFRED LEONARD HOHLFELDER, <i>Scientific</i>	41	S. D., Hanna Hall Cleveland
CHESTER JAMES HOLLEY, <i>Philosophical</i>	12	M. D., Hanna Hall Martin's Ferry
ARTHUR ORRELL HOWARTH, <i>Philosophical</i>	28	M. D., Hanna Hall Cleveland
CARL GILBERT JAMES, <i>Philosophical</i>	37	N. D., Hanna Hall Youngstown
HERBERT DOWNEY KELLY, <i>Philosophical</i>	59	W. W., Old Kenyon Toledo
CARL KERBER, <i>Philosophical</i>	59	W. W., Old Kenyon Toledo
JOHN MARSHALL KNOX, <i>Philosophical</i>	1	E. W., Old Kenyon Lima
LLOYD LARKIN MCCARTNEY, <i>Scientific</i>	21	S. D., Hanna Hall Lakewood
JAMES HERBERT McMURRAY, <i>Classical</i>	32	M. D., Old Kenyon Marion
SAMUEL LEWIS MARTIN, <i>Classical</i>	32	M. D., Old Kenyon Marion
EDWIN PARROTT MATTHEWS, <i>Scientific</i>	57	N. D., Hanna Hall Dayton
WILLIAM CAMPBELL PRESLEY, <i>Scientific</i>	38	N. D., Hanna Hall Bay City, Michigan
EDGAR BARTON READ, <i>Scientific</i>	28	M. D., Hanna Hall Salem
JOHN FRANCIS SANT, <i>Scientific</i>	5	S. D., Hanna Hall East Liverpool
WILFORD SEITZ, <i>Philosophical</i>	27	E. D., Old Kenyon Sandusky
ARTHUR LESLIE SIDNELL, <i>Philosophical</i>	19	M. D., Hanna Hall Cuyahoga Falls
WILLIAM PHILIP SMITH, <i>Philosophical</i>	40	W. W., Old Kenyon Sandusky
JOSEPH RUSSELL THOMPSON, <i>Scientific</i>	2	S. D., Hanna Hall East Liverpool
GLEN PRESTON VINSON, <i>Philosophical</i>	32	M. D., Hanna Hall Lima
HAROLD GRAHAM WALTON, <i>Scientific</i> , ...		Gambier

PAUL BERNARD WENDLER, <i>Classical</i>	28	E. D., Old Kenyon Dayton
ALFRED BROOKE WILLIAMS, <i>Philosophical</i>	39	W. W., Old Kenyon Canton
WALTER FRANK WRIGHT, <i>Scientific</i>	45	E. D., Old Kenyon Lima
ROY ZEMAN	31	M. D., Old Kenyon East Cleveland

SPECIAL STUDENTS

OTTEY ROBINSON BERKELEY		Bexley Hall Cleveland
MAX GREGORY FRENCH	27	E. D., Old Kenyon Elyria
MAHLON HENDERSON	54	W. D., Old Kenyon Cambridge
JOHN MAGNUS JERPE	6	E. D., Old Kenyon Norwalk
ADDISON CARLYLE LEWIS	59	W. W., Old Kenyon Steubenville
WILLIAM WALSH MCNEILL	48	E. D., Old Kenyon Dayton
LEONARD MITCHELL		Bexley Hall New Straitsville
WENDELL WARDEN STILLWELL, ...		Mt. Vernon
DICKSON HINELL WELLS	47	E. D., Old Kenyon Dayton

SUMMARY

Seniors	20
Juniors	40
Sophomores	45
Freshmen	38
Special Students	9
Total	152

THE EIGHTY-EIGHTH COMMENCEMENT

SUNDAY, JUNE 18

Morning Service—Sermon by the Rt. Rev. Boyd Vincent, D.D., Bishop of Southern Ohio. Ordination to the Diaconate by the Bishops of Ohio and of Southern Ohio.

Evening Service—Baccalaureate Sermon by the Rev. William F. Peirce, L.H.D., D.D., President of Kenyon College.

MONDAY, JUNE 19

COMMENCEMENT EXERCISES

CLASS ORATOR

JOSEPH STAFFORD TROTTMAN, '16
Milwaukee, Wis.

ALUMNI ORATOR

WILLIAM BUDD BODINE, JR., '90 A.B.
Philadelphia, Penna.

HONOR MEN

EDSON W. FORKER, *First*
JOSEPH STAFFORD TROTTMAN, *First*
HARVEY HAY BEMIS, *Third*
BARNARD HOWARD STEINFELD, *Fourth*
RALPH EMERSON MORTON, *Fifth*

DEGREES CONFERRED**JUNE 19, 1916**

BEXLEY HALL**BACHELOR OF DIVINITY****WILLIAM JOHN BARRETT, '99 A.B.****CERTIFICATES OF GRADUATION****FRANKLIN EDGAR HAUCK, '13 A.B. (With Hebrew)****DONALD WONDERS, '13 Ph.B. (Without Hebrew)****KENYON COLLEGE****DEGREES IN COURSE**

BACHELOR OF ARTS**HARVEY HAY BEMIS****CHARLES EDWIN KINDER****JOSEPH STAFFORD TROTTMAN****BACHELOR OF SCIENCE****EDSON W. FORKER****PORTER BRECK HALL****DONALD RUHL SMITH****BARNARD HOWARD STEINFELD****BACHELOR OF LETTERS****ROBERT ANDREW BOWMAN****BIRCH LEIGHTON BROWN****ARTHUR SIDNEY KING****NATHANIEL RUE HIGH MOOR****BACHELOR OF PHILOSOPHY****HERMANN DIETRICH ALBRIGHT****REX JONATHAN BALLARD****RALPH EMERSON MORTON****GOWAN CLARENCE WILLIAMS**

MASTER OF ARTS

DONALD WONDERS, '13 Ph.B., '16 Bex.

Honorary Degrees

DOCTOR OF LAWS

OSCAR WILLIAM NEWMAN, '88
Justice of the Supreme Court of Ohio
Columbus, Ohio

CHARLES HORACE MAYO, M. D.
Rochester, Minn.

LINDLEY MILLER GARRISON
Ex-Secretary of War, Washington, D. C.

ALUMNI ASSOCIATIONS

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JOHN B. LEAVITT, '68, New York City

WILLIS W. TOWNSEND, '79, Columbus, Ohio

Secretary and Treasurer:

ARTHUR L. BROWN, '06, The Diem and Wing Paper Co., Cincinnati

Necrologist:

MATTHEW F. MAURY, '04, Philadelphia, Penna.

Executive Committee:

THE PRESIDENT

THE REV. DR. H. W. JONES, Bex., '70

THE SECRETARY

ALONZO M. SNYDER, '85

THE FIRST VICE-PRESIDENT

CONSTANT SOUTHWORTH, '98

THE SECOND VICE-PRESIDENT

THE TREASURER

THE ASSOCIATION OF NORTHERN OHIO

President:

FRANK H. GINN, '90, Cleveland

Secretary and Treasurer:

ROY H. HUNTER, '03, 929 Garfield Building, Cleveland

Historian:

FRANK H. GINN, '90, Cleveland

Executive Committee:

JAMES H. DEMPSEY, '82

ERNEST S. COOK, '82

THE REV. CHARLES C. BUBB, '99

THE ASSOCIATION OF CENTRAL OHIO

President:

JOHN G. DUN, '75, Hotel Vendome, Columbus

Secretary and Treasurer:

FREDERICK HESS HAMM, '06, 494 Kimball Place, Columbus

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AND VICINITY*President:*

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Vice-President:

ARTHUR L. BROWN, '06, Cincinnati

Secretary and Treasurer:

HARRY L. GAYER, '15, Procter and Gamble Co., Cincinnati

Executive Committee:

FLORIEN GIAUQUE, '69

CONSTANT SOUTHWORTH, '98

DR. HENRY STANBERY, '96

ARTHUR J. LARMON, '06

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JOHN BROOKS LEAVITT, '68, New York, N. Y.

GROVE D. CURTIS, '80, New York, N. Y.

JOSIAH K. OHL, '84, The N. Y. Herald, New York, N. Y.

CHARLES E. MILMINE, '85, New York, N. Y.

Secretary and Treasurer:

SILAS B. AXTELL, '06, 1 Broadway, New York City

Executive Committee:

THE PRESIDENT

CARL R. GANTER, '99

THE VICE-PRESIDENT

ALFRED K. TAYLOR, '06

THE SECRETARY

DAVID W. BOWMAN, '14

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JOHN V. RATHBONE, '04, Chicago

Vice-President:

HENRY J. PEET, '70, Chicago

Secretary:

L. M. PEASE, '04, 827 Railway Exchange Bldg., Chicago

Treasurer:

ELLIOTT H. REYNOLDS, '08, 2093 La Salle St., Chicago

Executive Committee:

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EDWARD A. OLIVER, '05

CONVERS GODDARD, '02

R. W. CROSBY, '06

WILLIAM N. WYANT, '03

NELSON W. BURRIS, '09

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President:

JOHN A. HARPER, '60, Pittsburg

Vice-President:

LEVI H. BURNETT, '96, Pittsburg

Secretary and Treasurer:

CHARLES C. HAMMOND, '03, Columbia National Bank, Pittsburg

THE ASSOCIATION OF TOLEDO

President:

THE HON. JAMES K. HAMILTON, LL.D., '59, Toledo

Secretary:

THE REV. LOUIS E. DANIELS, '02 Bex., Toledo

Treasurer:

J. C. LOCKWOOD, '04, 212 Gardner Bldg., Toledo

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PUBLICATIONS

The Kenyon College Bulletin is issued quarterly by the College. Numbers include catalogues of the collegiate and theological departments, alumni address lists and accounts of proceedings at Commencement. Copies may be obtained on addressing the office of the President.

The Kenyon Book, edited by the late President of Kenyon College, the Rev. William B. Bodine, D.D. This octavo volume of over 400 pages contains a large amount of interesting and important historical matter and is illustrated with numerous views. Copies can be obtained on remitting \$1.50 to the Treasurer of Kenyon College.

Songs of Kenyon. This volume contains about 150 songs distinctive of Kenyon College, most of which were composed by Kenyon men. This book is handsomely gotten up and contains a number of attractive views of the College buildings. The price is \$2.00. Copies can be obtained upon addressing the editor, Alfred K. Taylor, 165 Broadway, New York City.

The Reveille, is the annual publication of the student body. The business manager of the '17 Annual is E. M. Wood.

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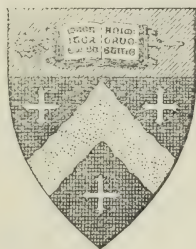
KENYON COLLEGE

GAMBIER, OHIO

KENYON COLLEGE BULLETIN NO. 56

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1917-1918



GAMBIER, OHIO
PUBLISHED BY THE COLLEGE
1918

Calendar 1918

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Calendar 1919

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COLLEGE CALENDAR**1917-1918—FIRST SEMESTER**

- Sept. 19—Wednesday Registration of new students, Ascension Hall, 2 P. M. College opens with Evening Prayer at 5.
- Oct. 2—Tuesday Bexley Hall opens with Evening Prayer at 5.
- Nov. 1—Thursday All Saints' Day. Founders' Day.
- Nov. 26-28—Mon-Wed. Mid-Semester examinations for new students.
- Nov. 29-Dec. 2—Thur.-Sun. Thanksgiving Recess.
- Dec. 19—Wednesday Christmas Recess begins.
- Jan. 2—Wednesday College opens with Morning Prayer at 7:45.
- Jan. 30—Wednesday Semester examinations begin.
- Feb. 4—Monday First semester ends.

SECOND SEMESTER

- Feb. 8—Friday Second semester begins with Morning Prayer at 7:45.
- Feb. 13—Wednesday Ash Wednesday.
- Mar. 28—Thursday Easter Recess begins.
- April 4—Thursday College opens with Morning Prayer at 7:45.
- May 9—Thursday Ascension Day.
- June 10—Monday Semester Examinations begin.
- June 17—Monday Ninetieth Commencement.

1918-1919—FIRST SEMESTER

- Sept. 18—Wednesday Registration of new students, Ascension Hall, 2 P. M. College opens with Evening Prayer at 5.
- Sept. 24—Tuesday Bexley Hall opens with Evening Prayer at 5.
- Nov. 1—Friday All Saints' Day. Founders' Day.
- Nov. 25-27—Mon.-Wed. Mid-Semester examinations for new students.
- Nov. 28-Dec. 2—Thur.-Sun. Thanksgiving Recess.
- Dec. 20—Friday Christmas Recess begins.
- Jan. 3—Friday College opens with Morning Prayer at 7:45.
- Jan. 29—Wednesday Semester examinations begin.
- Feb. 3—Monday First semester ends.

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THE REV. ROBERT L. HARRIS, Toledo.....	1919
THE HON. T. P. LINN, LL.D., Columbus.....	1920
DR. FRANCIS W. BLAKE, Gambier.....	1920

UNDER OLD CONSITUTION

UNDER ARTICLE IX

TERM EXPIRES

THE RT. REV. JOHN HAZEN WHITE, D.D., Bishop of Michigan City.....	1918
THE RT. REV. LEWIS W. BURTON, D.D., Bishop of Lexington..	1918
THE RT. REV. THEODORE N. MORRISON, D.D., Bishop of Iowa..	1918
THE RT. REV. CHARLES P. ANDERSON, D.D., Bishop of Chicago.	1918
THE RT. REV. WILLIAM L. GRAVATT, D.D., Bishop of Coadjutor of West Virginia.....	1918
THE RT. REV. CHARLES D. WILLIAMS, D.D., Bishop of Mich- igan.....	1918
THE RT. REV. JOHN N. MCCORMICK, D.D., Bishop of Western Michigan.....	1918

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ORGANIZATION

The institution now known as Kenyon College was incorporated December 29, 1824, under the title of "The Theological Seminary of the Protestant Episcopal Church in the Diocese of Ohio." By a supplementary act of the Legislature, the president and professors of the seminary were empowered to act as the faculty of the college and confer degrees in the arts and sciences.

The original funds for the institution were secured in England in 1823-24 by the Right Rev. Philander Chase, first Bishop of the Episcopal Church in the Northwest territory, two of the principal donors being Lord Kenyon and Lord Gambier. The first students were received at the Bishop's house in Worthington, Ohio, in 1824, and the first constitution was approved by the Convention of the Diocese of Ohio on November 27 of the same year. In 1826, two quarter sections of the United States military lands were secured in Knox County. Building was begun in the following year. The first degrees were conferred under date of September 9, 1829.

In 1891 the corporate title was changed to Kenyon College, the name by which the institution had always been known. The Bishops of Ohio and Southern Ohio preside over the Board of Trustees in alternate years.

SITE

Gambier, the seat of Kenyon College, is a village of about five hundred inhabitants, on the Cleveland, Akron and Columbus Railroad, a little east of the center of the State of Ohio, fifty miles from Columbus, five miles from Mount Vernon and one hundred and twenty miles from

Cleveland. The altitude is nearly eleven hundred feet and the site was chosen by Bishop Chase after careful investigation, for natural beauty and healthfulness of climate. The plateau on which the College and village are situated rises about two hundred feet above the valley of the Kokosing river, which flows around it on three sides.

GROUND AND BUILDINGS

The original domain of the College comprises four thousand acres being a quarter township of the United States Military Reservation of 1795 in Central and Eastern Ohio. Of this domain the College still holds about three hundred and fifty acres including several tracts of woodland. The Ohio Department of Forestry has recently undertaken to develop these forest lands as an exhibit of modern methods of tree culture. Minute surveys have been made and an extensive nursery has been established. Expert supervision is given by the Department to all work that is done on the College domain and it is hoped that in the future the College lands can be used for demonstration in connection with formal courses in forestry.

As Gambier Hill projects into the valley, the College Park commands an extensive view of the fertile, smiling valley of the Kokosing with a background of cultivated hills. The natural charm has been much enhanced by the tasteful arrangement of the grounds. In the Park, which contains over ninety acres and many old forest trees, pains have been taken to combine the effects of lawn and woodland. On this extensive tract the building sites have been carefully selected, and the broad Middle Path which connects Old Kenyon with Bexley Hall is two-thirds of a mile long.

The College buildings comprise the dormitories, Old Kenyon (1827) and Hanna Hall (1902); Ascension Hall

(1859), the recitation and laboratory building; Rosse Hall (1831, rebuilt 1899), the gymnasium and assembly room; the Alumni Library (1910), with which is connected the Stephens Stack Room (1902); the Church of the Holy Spirit (1869), the chapel; Bexley Hall (1839), the theological seminary; Colburn Hall (1904), the theological library; "Cromwell Cottage" (1913), the President's House; "Kokosing" (1865), the stone mansion built by Bishop Bedell, standing in its own extensive park; and various other buildings.

Old Kenyon

Old Kenyon, the cornerstone of which was laid in 1827, is a massive Gothic structure of local sandstone. It is one hundred and sixty feet long, three stories high, with solid stone walls four and one-half feet thick at the basement story. The roof carries battlements and pinnacles and is surmounted by a spire one hundred and ten feet high containing the old College Bell. By an Alumni subscription the bell was recently recast at the Meneely Foundry.

In 1907 Old Kenyon was completely rebuilt on the interior at an expense of over \$75,000, the external appearance remaining unchanged. The walls and roofs were thoroughly repaired and in part rebuilt with the best and most permanent materials so that the building is now unexcelled among college dormitories for strength, comfort and beauty.

Old Kenyon contains rooms for between eighty and ninety students. The interior finish is of Flemish oak of handsome grain with wainscoting in the halls. The staircases have Gothic newel posts and birch hand rails. At all the windows are placed broad window seats of solid oak which cover the steam radiators. Rather more than one-half of the rooms are arranged in suites. The plumbing and heating systems are of the best and most modern type.

Hanna Hall

This dormitory was opened to students in December, 1903. The building is of gray Cleveland sandstone, in Collegiate Gothic style. It is two stories high with gables, measures one hundred and thirty feet long by fifty feet deep, and houses about fifty students. The building is constructed throughout in the best and most substantial way.

The doors and window casings and the wainscoting are of Flemish oak, and the floors of polished hardwood. Heat is furnished by steam boilers. Running water is supplied in every bed-room. In comfort and in elegance of appointment the building has no superior among college dormitories.

Hanna Hall was built in honor of his wife by the late Marcus A. Hanna, United States Senator from Ohio, at a cost of over \$65,000. Charles F. Schweinfurth, of Cleveland, was the architect.

Ascension Hall

Ascension Hall is a stately Collegiate Tudor building of reddish-gray freestone, one hundred and thirty feet long and three stories high. Members of the Church of the Ascension, New York, provided for its construction in honor of their former rector, Bishop Bedell. It contains the lecture and recitation rooms, the physical, chemical and biological laboratories and workshops, the halls for literary societies, and the offices of the President and Treasurer. The battlemented tower of the building serves as the astronomical observatory. A steam heating plant given by Samuel Mather of Cleveland is installed in the basement and provides for both Ascension and Rosse Halls.

College Chapel

The Church of the Holy Spirit, the College Chapel, was built in 1869, by the Church of the Ascension, New York,

as a tribute to their former rector, Bishop Bedell. It is a cruciform edifice of Early English architecture and is built of freestone in courses, with dressed quoins and facings. The nave and chancel are ninety feet, the transepts eighty feet in length. Ivy, transplanted from Melrose Abbey, covers the walls.

The interior of the church is finished in oak, the walls are tastefully illuminated, and all the windows are of stained glass. The organ is a memorial to Bishop McIlvaine, and a mural tablet, erected by the Diocese of Ohio, commemorates the founder of Kenyon College, the Rt. Rev. Philander Chase.

In the church tower is the College clock and a set of nine bells, together with a mechanism which rings the Westminster chimes at the quarter hours.

By the will of the late Mrs. Bedell a fund was established for keeping the church and Kokosing in repair.

Library and Stack Room

Hubbard Hall, the first library building, was burned January first, 1910, but the adjacent stack-room saved the mass of the library. On its site has been built the spacious and beautiful Alumni Library at a cost of about \$50,000. The principal donors are the Alumni of the College and David Z. Norton, Esquire, of Cleveland, who has given the Reading Room.

In construction the Alumni Library is practically fireproof—floors, partitions and staircases being built of steel and tile. Glenmont sandstone in broken courses with trimmings of Cleveland cut stone forms the exterior walls. Besides working rooms for the Librarian, the Library contains a spacious periodical room, a hall of meeting for the Faculty and Trustees, and two Seminar rooms for class instruction. Built as a part of the Alumni Library is a superb Gothic Reading Room patterned after

an English College hall, with stone-mullioned Tudor windows filled with leaded opalescent glass, and with a lofty ceiling carried by richly carved beams and trusses. In honor of the donor, this structure is called Norton Hall.

The books are housed in the Stephens Stack Room, a gift of the late James P. Stephens, '59, of Trenton, N. J. The construction is strictly fireproof, stone, brick, steel, and glass being the only materials used in the building. It provides space for about 50,000 volumes.

The library of 27,500 volumes is catalogued according to the Dewey system and is open throughout the day and evening. The books are unusually well chosen and form an admirable working library for undergraduate students. In history, in biography, and in English, French, and German literature the collections are good, and the mathematical department contains the library of the late John N. Lewis of Mt. Vernon, which consists of some 1,200 volumes. Accessions are made on the recommendations of the several professors.

The purchase of new books is provided for by several endowments. The Hoffman fund was established by Frank E. Richmond, Esq., of Providence, R. I., for the purchase of new books. In 1901 the James P. Stephens Library Fund of about \$18,000 was founded by James P. Stephens, '59, of Trenton, N. J. By the wish of the donor a considerable part of the income will for the present be devoted to the purchase of classical works in other languages than English. The Klock Fund is devoted to the purchase of books for the Department of English and the Vaughn Fund to the binding of periodicals.

The reading room receives the leading American and English periodicals, and ten or twelve French and German reviews, and is open to students during the library hours.

An additional library of 12,000 volumes, chiefly theological, is housed in Colburn Hall.

Gymnasium

Rosse Hall, the gymnasium and assembly room is an Ionic structure of sandstone about one hundred by seventy-five feet. Built in 1831 as the College Chapel it was burned in 1897. The reconstruction was provided for by James P. Stephens, Mrs. Julia T. Bedell and other donors, and especially by "The William and Mary Simpson Memorial Fund" given by Mrs. Mary A. Simpson of Sandusky. To the restoration was also applied a bequest of five thousand dollars from Senator John Sherman. The principal hall serves as a gymnasium and assembly hall, and is provided with gymnastic apparatus presented by the Alumni. Shower baths and dressing rooms with all-steel lockers are supplied in the basement, which also contains a baseball cage.

The athletic grounds are spacious and pleasantly situated. The baseball and football fields lie at the foot of the College hill, where the shaded hillside provides a natural grandstand. The tennis courts near Old Kenyon are excellent. There is a quarter-mile cinder track, and the facilities for general field sport are good.

The Kenyon College Rifle Club, a member of the National Rifle Association, under control of the Board for the Promotion of Rifle Practice of the War Department, maintains two twenty-five yard ranges in the basement for the use of members practicing with .22 rifles and pistols. All students are eligible to membership, the dues being merely nominal. The out-door range of the Club, where members qualify as marksman, sharpshooter and expert with the Krag rifle at 200, 300, 500 and 600 yards, is within easy walking distance. Weather permitting, practice is held on this range on Wednesday and Saturday afternoons in the spring and fall. All scores are recorded, and certified copies may be obtained by members desiring to enter the Service.

Laboratories

The north end of Ascension Hall, comprising eighteen rooms, is given up to the physical, chemical and biological laboratories. The Bowler Fund makes provision for accessions of apparatus and books.

The Chemical Laboratory occupies eight rooms in addition to the lecture and preparation rooms and museum. The laboratory in general chemistry has been enlarged and now accommodates sixty students. The laboratories for work in qualitative and quantitative analysis and organic chemistry are smaller but well equipped. There are hoods and balances, with ample store room facilities, and the stock of chemicals and apparatus has been made adequate for work in general, analytical and organic chemistry, including chemical preparations. This laboratory has its own library of four hundred volumes, including standard reference works in several languages, and files of the leading chemical journals. An excellent collection of typical minerals is provided, the latest addition being "The Ratcliff Memorial Collection," the gift of Mr. B. W. Ratcliff of Waukon, Iowa.

The Physical Laboratory, which occupies a part of the first floor and basement of Ascension Hall, is well equipped for experimental work both in the laboratory proper and the lecture room. High grade apparatus is being added continually so as to facilitate as much as possible qualitative class room demonstrations, and in the laboratory, the attainment of precision in measurements. Of the present equipment of the department may be mentioned its electric power plant, which furnishes light for the laboratories and current for experimental work. This outfit consists of a 14 H. P. gas engine, a $7\frac{1}{2}$ K. W. generator, an 80 ampere-hour storage battery of 56 cells, and an elaborate battery distributing switchboard. Alternating current is available from a small motor

generator set given to the department during the past year by Mr. Charles F. Brush of Cleveland. Other pieces of apparatus worthy of note are: A 29-inch spark induction coil with its accessories for X-ray work, a large Tesla high tension transformer, a 30,000-pound Riehlé machine for testing the strength of materials, and a large number of measuring instruments for use in the study of nearly every branch of Physics.

Owing to the war, the wireless set erected last year by the students in the course in Radio Communication, is at present dismantled.

Several physical journals are taken, and kept on file, and a number of the most recent books on various physical subjects are being added to the general library each year. These have been so selected as to furnish ample material for collateral reading and thesis work.

The Biological Laboratory occupies rooms on the third floor of Ascension Hall. The main room is well lighted from above and contains sixteen Bausch and Lomb compound microscopes, sixteen dissecting microscopes, paraffine bath, incubator, sterilizers and Minot rotary and automatic precision microtomes. Desks and lockers are provided for twenty students.

The department has its own working library, consisting of standard reference books in English, German and French, while additional books needed for advanced work are procured from the Boston Society of Natural History or from university libraries.

MATHEMATICAL INSTRUMENTS

The observatory has a telescope of five and one-fourth inches aperture, the object glass of which was made by Alvan Clark & Son. It is also supplied with a transit of two inches aperture and a sidereal clock. The Department

of Astronomy owns a set of Trouvelot astronomical drawings.

The income of the Delano Astronomical Fund is used for the observatory.

For the use of students in surveying, the Department of Mathematics possesses an excellent transit, Y level, plane table, draughting machine, and compass, with the necessary appurtenances.

THE BEDELL LECTURESHIP

A fund of five thousand dollars established by Bishop and Mrs. Bedell provides for biennial lectures on the Evidences of Natural and Revealed Religion, or the Relation of Science to Religion. These lectures are given every second year on Founders' Day, which is celebrated on the Festival of All Saints. The publication of the lectures is provided for.

The following lectures have been delivered:

The Rt. Rev. John Williams, D.D., LL.D., "The World's Witness to Christ." 1881.

The Rt. Rev. Henry Cotterell, D.D., "Revealed Religion in Its Relation to the Moral Being of God." 1883.

The Rt. Rev. Hugh Miller Thompson, D.D., "The World and the Logos." 1885.

The Rev. James McCosh, S.T.D., LL.D., "The Religious Aspect of Evolution." 1887.

The Rev. David H. Greer, D.D., "The Historical Christ, the Moral Power of History." 1889.

The Rt. Rev. Arthur Cleveland Coxe, D.D., LL.D., "Holy Writ and Modern Thought." 1891.

The Rt. Rev. William A. Leonard, D.D., "The Witness of the American Church to Pure Christianity." 1893.

The Rt. Rev. Boyd Vincent, D.D., "God and Prayer; the Reasonableness of Prayer." 1895.

The Rev. William Reed Huntington, D.D., "A National Church." 1897.

The Rev. Morgan Dix, D.D., D.C.L., "The Supernatural Character of the Christian Religion." 1899.

The Rt. Rev. Henry C. Potter, D.D., D.C.L., "Man, Men, and Their Master." 1901.

The Rt. Rev. William Crosswell Doane, D.D., "Evidence, Experience, Influence." 1903.

The Rt. Rev. Arthur C. A. Hall, D.D., "The Relations of Faith and Life." 1905.

The Rt. Rev. Thomas F. Gailor, D.D., Bishop of Tennessee, "The Christian Church and Education." 1909.

The Rev. George F. Smythe, D.D., "The Shepherd of Israel: A Contribution to the Evidences of Revealed Religion." 1911.

The Rev. George Hodges, D.D., Dean of the Cambridge Divinity School, "The Church in the Fourth Century." 1913.

The Rev. W. H. P. Faunce, D.D., President of Brown University, "The Enlarging Horizon of Church and State." 1917.

THE LARWILL LECTURESHIP

This fund of ten thousand dollars is the gift of Joseph H. Larwill, Esq., of the class of 1855. The income is available for occasional lectures or for courses of lectures on subjects of general interest. The Founder desires that at least every third year a lecture or a course of lectures, philosophical in tone, shall be delivered on one of these great subjects: "What can I know? What ought I to do? For what can I hope?"

At the discretion of the College Faculty, lectures delivered on the Foundation may be published.

Among the recent occasional lecturers on this Foundation have been Professor Brander Matthews of Columbia University; Hamilton Holt, managing editor of the New York *Independent*; Dr. Svante Arrhenius, of the University of Stockholm; Professor Anatole Lebraz, of the University of Rennes; The Rev. Dr. Reginald J. Campbell, Birmingham, Eng.; Dr. Talcott Williams, Dean of the Pulitzer School of Journalism, Columbia University; William Butler Yeats, Sydney George Fisher, LL.D., Canon James O. Hannay, Wilfrid Ward, Eugene Brioux, Lady Gregory, Alfred Noyes, Ambassador Myron T. Herrick, Lieut. Zinovi Pechkoff of the French Foreign

Legion, Captain A. Radclyffe Dugmore of the British Army, Sydney Brooks and Kenyon Cox.

Formal academic courses have been delivered as follows:

Charles W. Eliot, LL.D., President Emeritus of Harvard University, "The Future of Trades Unionism and Capitalism in a Democracy." October, 1909. (G. P. Putnam's Sons.)

The Hon. Theodore E. Burton, United States Senator from Ohio, "Modern Democracy." November, 1911.

George Edward Woodberry, formerly head of the Department of Comparative Literature at Columbia University, "Two Aspects of Criticism: Creative and Historical." May, 1913.

John W. Burgess, LL.D., formerly Professor of Political Science and Constitutional Law in Columbia University, "The Administration of President Hayes." October, 1915. (Scribner's.)

THE STIRES PRIZES

Two prizes of \$35 and \$15 respectively, are offered annually by the Rev. Dr. Stires, Rector of St. Thomas' Church, New York, for excellence in debating. The contestants are chosen from the two upper classes and represent the Philomathesian and Nu Pi Kappa literary societies.

THE KING PRIZES

Through the generosity of Mr. Ralph King of Cleveland prizes amounting to \$100 are offered annually to members of the Freshman and Sophomore classes for excellence in writing and in public speaking. A First Prize of \$35 and a Second Prize of \$15 are given to each class the award being made at Commencement by the Department of English for the work of the year.

SCHOLARSHIP AND BENEFICIARY AID

The charges for tuition and minimum room rent are remitted to the sons of clergymen and to postulants for Holy Orders. Limited appropriations are made to postu-

lants for Holy Orders by the Trustees of the Ethan Stone Fund and by the Joint Education Committee of the Dioceses in Ohio.

All scholarships are held subject to the following regulation of the Faculty: "All students holding scholarships of any kind shall be required to maintain an average grade of two and one-half, to observe reasonable economy in expenditure, and to refrain from behavior which will subject them to college discipline."

(a) ENDOWED SCHOLARSHIPS.

The Alfred Blake Scholarships, three perpetual scholarships, covering tuition, the gift of Mrs. Alfred Blake, of Gambier.

The French Prize Scholarship, a perpetual scholarship covering tuition in Kenyon College, the gift of Mrs. Robert French, of Gambier, to be awarded to the student of the Preparatory Department standing highest in grade and deportment.

The Austin Badger Scholarship, of \$1,400, founded by bequest of Austin Badger, of Medina, Ohio. The income is to be awarded only to a student preparing for the ministry.

The Nash Scholarships, of \$10,000, founded by bequest of Job M. Nash, of Cincinnati. The income provides for three scholarships of about \$200 each.

The Thomas A. McBride Scholarship, of \$2,000, founded by bequest of Mrs. Mary A. McBride, of Wooster, Ohio, in memory of her son, Thomas A. McBride, of the class of 1867.

The Southard Scholarship, of \$2,500, the gift of Mr. George F. Southard, of the class of 1873. Preference is to be given to a student in regular standing.

The John W. Andrews, Jr., Scholarship, of \$3,000, the gift of Hon. John W. Andrews, of Columbus, Ohio, in memory of his son.

The Carter Scholarship, of \$5,000, the gift of Mrs. Carter, of Albany, New York, in memory of her husband, the Rev. George Galen Carter, S.T.D., of the class of 1864, and his father, the Rev. Lawson Carter, late of Cleveland, Ohio. The income provides for two scholarships and in making appointments preference is to be given to postulants for Orders, especially to such postulants as are sons of clergymen.

The Carnegie Scholarship Fund, of \$25,000, the gift of Andrew Carnegie, Esq. Grants from the income of this fund are made to needy and deserving students for the payment of College bills. Postulants for Holy Orders are ineligible.

The Philo Sherman Bennett Scholarship, of \$500, assigned to Kenyon College by the Hon. William J. Bryan as administrator for Mr. Bennett. The income of this fund is to be given to needy and deserving students.

(b) LOAN FUNDS.

The Curtis Fund, which now amounts to over \$28,000.

The late Henry B. Curtis, LL.D., of Mt. Vernon, Ohio, granted to the Trustees of Kenyon College a fund for the aid of meritorious students by loans of money at a low rate of interest. The interest is intended to meet only the risk of death, and is not to be greater than the average rate of life insurance.

The application for a Curtis scholarship must state the applicant's name, residence and age, and his father's name and address. The father or guardian must endorse the application and express his belief that the loan will be repaid at maturity. The Faculty will consider the application to be confidential, and in granting the loan will take into consideration the applicant's character, ability and merit, including his examinations in school and college, and his record for regularity, punctuality and general conduct. The appropriations are made for only a year at a time. The maximum loan for one year is \$150, but for a student's first year \$75. The sum appropriated is paid in two equal parts, one at the beginning of each semester. Upon each payment the student gives his promissory note for the repayment five years from date, with interest at the rate of one and a half per cent.

The Ormsby Phillips Fund, of \$1,000, which was established by Mr. and Mrs. Bakewell Phillips, of Pittsburg, Pennsylvania, to be loaned without interest to a student for the ministry.

(c) THE HIGH SCHOOL SCHOLARSHIPS.

By action of the Board of Trustees, eight scholarships in Kenyon College are offered each year to male graduates of high schools in the State of Ohio. The application must state that the assistance is necessary to enable the student to pursue a course at Kenyon College, and must be signed by both the applicant and his father or guardian. A certificate from the principal of the high school testifying to intellectual proficiency and moral character is also required. The scholarships cover tuition.

ADMISSION

In the following statement the term "Unit" means a course of study of five recitation periods a week continued through a full school year. For entrance to all college courses fifteen such Units are required. The pages immediately following contain a detailed description of the subjects that will be accepted as Units for admission.

TABLE OF REQUIREMENTS FOR ADMISSION

FOR THE CLASSICAL COURSE:

	UNITS
English.....	3
Mathematics.....	3
Latin or Latin and Greek.....	4
Other Foreign Language.....	2
History.....	1
Additional.....	2
	15

FOR THE PHILOSOPHICAL COURSE:

	UNITS
English.....	3
Mathematics.....	3
Foreign Languages.....	4
History.....	2
Sciences.....	1
Additional.....	2
	15

FOR THE SCIENTIFIC COURSE:

	UNITS
English.....	3
Mathematics.....	4 or 3
Foreign Languages.....	3 or 4
History.....	1
Sciences.....	2
Additional.....	2
	15

The following table shows the minimum and maximum amounts which will be accepted in each subject:

	UNITS		UNITS
English.....	3 or 4	German.....	1-3
Mathematics.....	3 or 4	History.....	1-3
Latin.....	1-4	Sciences.....	1-3
Greek.....	1-3	Drawing.....	1
French.....	1-3	Shopwork.....	1

English (Three or Four Units)

1. THREE UNITS. (a) Reading. A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject matter, and to answer simple questions on the lives of the authors. On several assigned topics a brief written discussion will be required at the examination. The object is to test the candidate's power of clear, accurate expression, and will call for only a general knowledge of the substance books. In place of a part of this test the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the book. No student will hereafter be admitted without examination except on the presentation of such properly certified exercise book, or of an explicit statement from his instructor of the books read in class and the amount of composition work required. The substitution of equivalent books for those given below will for the present be permitted. In preparation for this part of the requirement it is important that the candidates shall have been instructed in the fundamental principles of rhetoric.

(b) Study and Practice. This part of the examination presupposes the thorough study of each of the works named in this division. The examination will be upon subject matter, form and structure. *In addition the candidate may be required to answer questions involving the essentials of English grammar, and the leading facts in those periods of English history to which the prescribed books belong.*

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom or division into paragraphs.

An examination in composition will be required of all new students.

1915-1919—FOR GENERAL READING. The student selects ten Units, two from each of the five following groups. Each unit is set off by semicolons.

GROUP I. THE OLD TESTAMENT; comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books, XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

GROUP II. SHAKESPEARE. *Midsummer Night's Dream*, *Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*, *King John*, *Richard II*, *Richard III*, *Henry V*, *Coriolanus*, *Julius Cæsar*, *Macbeth*, *Hamlet*. If not chosen for study under B.

GROUP III. PROSE FICTION. Malory: *Morte d'Arthur* (about 100 pages); Bunyan: *Pilgrim's Progress*, Part I; Swift: *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe: *Robinson Crusoe*, Part I; Goldsmith: *Vicar of Wakefield*; Frances Burney: *Evelina*; Scott's Novels: any one; Jane Austen's Novels: any one; Maria Edgeworth: *Castle Rackrent*, or *The Absentee*; Dickens' Novels: any one; Thackeray's Novels: any one; George Eliot's Novels: any one; Mrs. Gaskell: *Cranford*; Kingsley: *Westward Ho!* or *Hereward, the Wake*; Reade: *The Cloister and the Hearth*; Blackmore: *Lorna Doone*; Hughes: *Tom Brown's Schooldays*; Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae*; Cooper's Novels: any one; Poe: *Selected Tales*; Hawthorne: *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old*

Manse. A collection of Short Stories by various standard writers.

GROUP IV. ESSAYS, BIOGRAPHY, ETC. Addison and Steele: *The Sir Roger de Coverley Papers*, or *Selections from the Tatler and Spectator* (about 200 pages); Boswell: *Selections from the Life of Johnson* (about 200 pages); Franklin: *Autobiography*; Irving: *Selections from the Sketch Book* (about 200 pages); or *Life of Goldsmith*; Southey: *Life of Nelson*; Lamb: *Selections from the Essays of Elia* (about 100 pages); Lockhart: *Selections from the Life of Scott* (about 200 pages); Thackeray: *Lectures on Swift, Addison, and Steele in the English Humorists*; Macaulay: Any one of the following essays: *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederic the Great*, *Madame d'Arblay*; Trevelyan: *Selections from the Life of Macaulay* (about 200 pages); Ruskin: *Sesame and Lil es*, or *Selections* (about 150 pages); Dana: *Two years Before the Mast*; Lincoln: Selections, including at least the two *Inaugurals*, the *Speeches in Independence Hall* and at *Gettysburg*, the *Last Public Address*, the *Letter to Horace Greely*, together with a brief memoir or estimate of Lincoln; Parkman: *The Oregon Trail*; Thoreau: *Walden*; Lowell: *Selected Essays* (about 150 pages); Holmes: *The Autocrat of the Breakfast Table*; Stevenson: *An Inland Voyage and Travels with a Donkey*; Huxley: *Autobiography* and Selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*; A collection of Essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of Letters by various standard writers.

GROUP V. POETRY. Palgrave: *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave: *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen

under *Study*); Goldsmith: *The Traveller* and *The Deserted Village*; Pope: *The Rape of the Lock*; a collection of English and Scottish ballads, as, for example, some *Robin Hood* ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection from later ballads; Coleridge: *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Bryon: *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott: *The Lady of the Lake* or *Marmion*; Macaulay: *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*; Tennyson: *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *An Incident of the French Camp*, *Herve Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Piper*, “*De Gustibus*”—, *Instans Tyrannus*; Arnold: *Sohrab and Rustum* and *The Forsaken Merman*; selections from American Poetry, with especial attention to Poe, Lowell, Longfellow, and Whittier.

STUDY. This part of the requirement is intended as a natural and logical continuation of the student's earlier reading. Greater stress is laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. For this close reading the books are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA. Shakespeare: *Julius Caesar*, *Macbeth*, *Hamlet*.

GROUP II. POETRY. Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson: *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III. ORATORY. Burke: *Speech on Conciliation with America*; Macaulay: *Speech on Copyright*, and Lincoln: *Speech at Cooper Union*; Washington: *Farewell Address*, and Webster: *First Bunker Hill Oration*.

GROUP IV. ESSAYS, Carlyle: *Essay on Burns*, with a selection from Burns's Poems; Macaulay: *Life of Johnson*; Emerson: *Essay on Manners*.

2. FOUR UNITS. In addition to the preceding a fourth unit may be offered in English Composition.

Mathematics (Three or Four Units)

1. THREE UNITS. (a) Algebra (one and one-half units), through Simultaneous Quadratic Equations.

(b) Plane Geometry (one unit).

(c) Solid Geometry, or Advanced Algebra, or Trigonometry (one-half unit).

A thorough review of Algebra and Geometry should be completed during the year preceding entrance to College.

2. FOUR UNITS. In addition to the preceding the remaining two of the following subjects:

(a) Solid Geometry.

(b) Advanced Algebra, including the theory of Logarithms, Series, Determinants and Partial Fractions, and Elementary Theory of Equations (one-half unit).

(c) Plane Trigonometry, with special attention to the derivation of formulae and the accurate solution and checking of problems (one-half unit).

Latin (One, Two, Three or Four Units)

1. ONE UNIT. Latin grammar with easy reading, consisting of twenty or thirty pages of connected text. In all written exercises the long vowels should be marked, and in all oral exercises pains should be taken to make the pronunciation conform to the quantities.

The student should be trained from the beginning to grasp the meaning of the Latin before translating, and then to render into idiomatic English; and should be taught to read the Latin aloud with intelligent expression.

2. TWO UNITS. In addition to the preceding, selections from Caesar's *Gallic War* equivalent in amount to four or five books; selections from Nepos may be taken as a substitute for an amount not exceeding two books. The equivalent of at least one period a week in prose composition based on Caesar. Frequent written exercises and translation at sight from Caesar.

3. THREE UNITS. In addition to the preceding, six orations of Cicero, including the *Manilian Law*. Sallust's *Catiline* will be accepted as a substitute for an equivalent amount of Cicero.

The equivalent of at least one period a week in prose composition, based on Cicero. Frequent written exercises and translation at sight from Cicero.

4. FOUR UNITS. In addition to 1 and 2, Virgil's *Aeneid*. For a portion of this may be substituted selections from *Ovid*. Constant practice in the metrical reading of Latin verse.

The equivalent of at least one period a week in prose composition. Frequent translation at sight from Virgil and Ovid.

Greek (One, Two or Three Units)

1. ONE UNIT. Grammar. *Anabasis*, twenty pages. The student should have constant practice in reading Greek aloud and in translating into Greek. Syntax is best taught in connection with the text read, but the most important paradigms should be learned before beginning the *Anabasis*.

2. TWO UNITS. In addition to the preceding, *Anabasis* I-IV. Greek prose based on the *Anabasis* should be written daily.

3. THREE UNITS. In addition to 1 and 2, *Anabasis* reviewed, *Iliad*, not less than 1900 lines. Mythology and scansion should be taught in connection with the *Iliad*. Greek prose based on the *Anabasis*.

French (One, Two or Three Units)

1. ONE UNIT. In one year the student should acquire a fairly accurate pronunciation and such a knowledge of elementary grammar and vocabulary as will enable him to translate very simple French into English as well as short English sentences into French. He should read one or another of the standard French readers for beginners, or an equivalent amount of prose selected from suitable texts.

2. TWO UNITS. In the second year a more complete study of the grammar should be made in connection with exercises in composition, and a number of the less difficult short stories by modern French writers should be read. For the work of two years two units' credit is given.

3. THREE UNITS. The work of the third year should embrace the reading of several novels and plays and the writing of more advanced composition. For the work of three years three units' credit is given.

German (One, Two or Three Units)

1. ONE UNIT. Careful drill in pronunciation; elementary grammar, including a thorough knowledge of forms and simple syntax; reading of about 150 pages of easy modern German, mainly narrative prose; elementary drill in speaking and writing German.

2. TWO UNITS. Further study of the grammar, including a more thorough treatment of syntax; con-

tinued practice in writing and speaking German; reading in addition to 1, of about 250 pages of modern German from standard authors.

3. **THREE UNITS.** Continuation of the study of the grammar, composition and conversation; the reading in addition to 1 and 2 of about 400 pages of classical and modern German prose and poetry.

History (One, Two or Three Units)

1. **GENERAL HISTORY.** As much as is contained in Myers's *General History*.

2. (a) **GREEK HISTORY.** Myers' or Botsford's *History of Greece* or an equivalent (one-half unit).

(b) **ROMAN HISTORY.** Allen's *History of the Roman People* or Botsford's *Roman History* (one-half unit).

3. **ENGLISH HISTORY.** The equivalent of Andrews' or Cheney's *History of England*, with collateral reading.

4. **UNITED STATES HISTORY.** A comprehensive course based on such a text as Adams and Trent or McDonald's Johnston's, with considerable collateral reading.

5. (a) **UNITED STATES HISTORY.** John Fiske's *History of the United States* or an equivalent (one-half unit).

(b) **POLITICAL SCIENCE**, as much as is contained in John Fiske's *Civil Government in the United States* (one-half unit).

Science (One, Two or Three Units)

1. **ELEMENTARY PHYSICS.** An amount of work equivalent to that in the text of Carhart and Chute, Hoadley, or Millikan & Gale is required. Particular attention should be given to the practical laboratory methods, and the solution of numerical problems.

2. **ELEMENTARY CHEMISTRY.** A course including both laboratory work and class room work in Inorganic Chemis-

try. The following recent text-books may be taken to indicate the work desired: Brownlee's *First Principles of Chemistry*, or Hessler & Smith's *Essentials of Chemistry*, or McPherson & Henderson's *A First Course in Chemistry*.

3. GENERAL BIOLOGY. Adaptation to environment, protective resemblance, variation, etc., should be studied. A general study of the activity and local distribution of typical forms of life. Laboratory work is essential. Boyer's *Elementary Biology*, or selections from Davenport's *Introduction to Zoology*, together with Bergen's *Elements of Botany*, represent approximately the amount required.

4. BOTANY. The essential principles of plant life and growth together with a careful study of typical plant forms. Variability, adaptation, assimilation, respiration, digestion, growth and reproduction should be carefully studied. An equivalent of Atkinson's *Lessons in Botany*, or Bergen's *Foundations of Botany*, should be presented.

5. ZOOLOGY. Knowledge of the typical forms both invertebrate and vertebrate is required. Ability to recognize the specimen, to indicate its relationships, and to point out the principal features of its life history, organization and physiology. An equivalent of Kellogg's *Elementary Zoology* or Davenport's *Introduction to Zoology*.

RULES FOR ADMISSION

Candidates for admission must present testimonials of good moral character, and if they come from other colleges certificates of dismissal in good standing.

Examinations for entrance are held at the opening of the college year the third Wednesday in September.

Certificates will be provisionally accepted from the principal of any accredited High or Preparatory School, and will exempt the student from entrance examinations

in the subjects covered, provided that they are in the hands of the Registrar at the opening of the year. No student is admitted whose certificates do not cover at least 14 units of preparatory work.

The privilege of registration is extended only to students who either pass the entrance examinations or present satisfactory certificates.

The College furnishes certificate blanks, which must state in detail the courses that the student has completed, together with the ground covered and the time given to each course.

At entrance, all students are received upon probation, and their work is subject to careful inspection. Matriculation (see p. 66) gives final credit for certificates and accords full standing in College. Immediately before the Thanksgiving recess, mid-semester examinations are given to all new men. To be matriculated a student must maintain a passing grade in at least twelve hours of work, to be determined by class standing and the mid-semester examinations. Students who fail to matriculate may be continued upon probation, but failure to pass in nine hours of work at the end of the semester drops them from College.

Applicants for admission who lack preparation in Greek, German or French, will be given an opportunity in College to make up in one of these languages not more than two units of deficiency.

Advanced Standing

Candidates for advanced standing will be examined in all prescribed studies antecedent to the desired grade, including the requirements for admission to college and in such elective studies as shall be chosen by the candidate and approved by the Faculty.

Students from other colleges will be admitted to such standing as the Faculty may deem equitable in each case. Candidates are required to present a certified statement of the studies they have pursued and their proficiency therein, together with a catalogue of the college from which they come.

COURSES OF STUDY

Three courses of study are offered—classical, philosophical, and scientific. After the freshman year in all courses students are permitted to elect a large proportion of their work. The prescribed requirements aim at securing breadth and continuity without sacrificing flexibility. On the following pages is printed a conspectus showing the prescribed subjects and the range of electives for each course.

THE CLASSICAL COURSE. Four years of classical language are required for admission and a considerable amount of classical language must be taken in College. If the student takes Latin and no Greek he is required to complete a course in Greek literature for which no knowledge of the language is necessary. The degree of Bachelor of Arts is conferred upon the completion of this course.

THE PHILOSOPHICAL COURSE. This course emphasizes modern language both for preparation and in College although units in any foreign language may be presented for admission. In College five years of language must be taken of which at least three years must be in one language. About the same proportion of electives is allowed as in the Classical course. The degree of Bachelor of Philosophy is conferred upon the completion of this course.

THE SCIENTIFIC COURSE. The arrangement of subjects in this course is intended primarily to meet the needs of students who intend to take technical or engineering courses later. Advanced work in mathematics and in physics is prescribed and numerous electives are offered in the scientific subjects which are fundamental for technical training. Students who complete this course with

the proper electives in science are able to make third year standing in engineering schools of the first grade. The degree of Bachelor of Science is conferred upon the completion of this course.

SPECIAL COURSES. Students are urged to enter one of the four regular courses but in individual cases permission to take special work is granted. Students who intend to study engineering can thus complete in three years a sufficient amount of work in general science to secure practically two years of advanced credit in a good technical school. By this means such students enjoy the advantage of the personal instruction and the academic atmosphere of a literary college, with little sacrifice of time.

CONSPECTUS OF COURSES OF STUDY

FRESHMAN YEAR

ALL COURSES:	HOURS
English 1, 2*.....	3
Mathematics 1, 2 or 3, 4†.....	3
Physical Training 1, 2.....	1
CLASSICAL:‡	
Greek or Latin.....	3
Other Language.....	3
Chemistry 1, 2 or Physics 1, 2.....	4
PHILOSOPHICAL:**	HOURS
French.....	3
German.....	3
Latin.....	3
Two to be chosen	
Chemistry 1, 2 or Physics 1, 2.....	3

*The number identifies the course as described under Departments of Instruction.

†Scientific students presenting only 3 units of Mathematics for entrance must complete Mathematics 1, 2, 3, 4.

‡All classical students must complete in College four years of Classical Language; if Greek is begun in College, it must be carried two years; if no Greek language is taken Greek 11 and 12 must be taken.

**All philosophical students must complete in College five years of Foreign Language of which three years must be in one language.

SCIENTIFIC:

French	3
German	3
Latin	3
Two to be chosen	
Chemistry 1, 2	3

SOPHOMORE YEAR

ALL COURSES:

English 3, 4	3
Bible 1, 2	1
Physical Training 3	1

CLASSICAL:

One Ancient Language	3
One Modern Language	3
One Science	3
Elective	3

PHILOSOPHICAL:

Two Languages	6
One Science	3
Elective	3

SCIENTIFIC:

One Language	3
Chemistry 3	3
Mathematics 5, 6 and Physics 1, 2, or Biology 1, 2 and Elective Science	6

Of the above, the choice of optional courses must be for the entire year. No restriction is put upon the electives.

ELECTIVE COURSES OPEN TO SOPHOMORES:

Greek 1-8, 11, 12.	Chemistry 3-8.	History 1, 2, 10.
Latin 3, 4.	Biology 1, 2.	Political Science 1-4.
German 1-6.	Physics 1-4.	Economics 1, 2.
French 1-4.	Mathematics 3-13.	
Spanish.		
Italian.		

All electives are three-hour courses.

JUNIOR YEAR

CLASSICAL: HOURS

English 5, 6..... 3

History 7, 8..... 3

Two major courses of the Sophomore year must be continued through the Junior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

PHILOSOPHICAL: HOURS

English 5, 6..... 1

History 7, 8..... 3

1 Language..... 3

1 Sophomore Course continued..... 3

Electives..... 6

SCIENTIFIC:

English 5, 6..... 1

History 7, 8..... 3

Physics* 3, 4 and Mathematics 9, 10, or Biology* 3, 4 and

Elective Science..... 6

Electives..... 6

ELECTIVE COURSES OPEN TO JUNIORS:

English 9, 10,
13-16, 19-25.

Chemistry 5-10.

Biology 1-8.

History 1-6.

Political Science 1-6.

Greek 5-14.

Physics 1-7.

Economics 1-8.

Latin 5-8.

Mathematics 5-18.

Philosophy 1-4.

German 1-10.

Astronomy.

The Bible 4, 6.

French 1-10.

Spanish.

Italian.

All electives are three-hour courses.

SENIOR YEAR

ALL COURSES: HOURS

English 7, 8..... 1

In all courses one major course of the Junior year must be continued through the Senior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

*The option in Science of the Sophomore year must be continued in the Junior year.

ELECTIVE COURSES OPEN TO SENIORS:

English 11-25.	Chemistry 9-12.	History 3-6.
Greek 5-14.	Biology 3-10.	Political Science 1-6.
German 3-10.	Physics 3-7.	Economics 1-8.
Latin 5-8.	Mathematics 7-18.	Philosophy 1-4.
French 3-10.	Astronomy.	The Bible 4, 6.
Spanish.		
Italian.		

Students intending to study Theology will be permitted to present as Senior electives Philosophy 1 and 2, and twelve hours of the work of the Junior year at Bexley Hall.

DEPARTMENTS OF INSTRUCTION

ENGLISH

PROFESSOR REEVES

ASSISTANT PROFESSOR LOCKERT

1, 2. Written and Oral Exercises, based upon Phonetic principles, in which deficiencies of speech are explained in personal conferences, and overcome by practice before the class. Narrative and descriptive themes are read aloud after correction by the instructor. In the second semester, English 2, the essays are expository and argumentative, class debates affording opportunity for speaking. Three hours a week, required of all Freshmen. The King prizes are offered for excellence in speaking. PROFESSORS REEVES AND LOCKERT.

3, 4. ENGLISH LITERATURE. A survey course, supplemented by carefully written themes, read before the class after correction. Addresses and debates are required upon topics of enduring interest in history and literature. Required of all Sophomores, three hours a week. Manly's *Prose and Poetry* is used as a text. The King prizes for excellence in speaking are offered to Sophomores. PROFESSORS REEVES AND LOCKERT.

5, 6. EXPOSITION AND ARGUMENTATION. Weekly exercises required of all Juniors. In the first semester the technique of exposition is practiced; in the second semester a study is made of the nature of evidence, methods of induction, and the drawing of a brief. PROFESSOR LOCKERT.

Odd numerals indicate first semester; even numerals second semester.

7, 8. PUBLIC SPEAKING. All Seniors are required to prepare a weekly exercise upon a subject of present interest. Stage presence, the psychology of attention, and elementary dramatic exercises are studied in the second semester. For many years, upon a vote of the graduating class, a classical English play has been presented. PROFESSOR REEVES.

9. ELIZABETHAN DRAMA. A survey of the drama from 1580 to 1642, with Neilson's *Chief Elizabethan Dramatists* as a text. Introductory to Shakespeare. Elective for Juniors and Seniors. PROFESSOR LOCKERT. Offered in 1919-20.

10. SHAKESPEARE. Elective for Juniors and Seniors. Offered each year. PROFESSOR REEVES.

11. THE CONTEMPORARY DRAMA. Elective for Juniors and Seniors, with Dickinson's *The Chief Contemporary Plays* as a text. Alternate years; offered in 1918-19.

12. TENNYSON and BROWNING. Elective for Seniors. Complete texts of each poet are required, and their contrasting arts explained. Elective for Seniors. Offered each year. PROFESSOR REEVES.

13 and 14. ANGLO-SAXON and the HISTORY OF THE ENGLISH LANGUAGE. The historical basis of English idiom is explained in the reading and philological study of Anglo-Saxon literature. The sources of English grammar are studied, and the vitality of the language illustrated by reference to the vernacular. This course is necessary for a certificate from the department of capacity to teach English. Three hours a week, elective for Juniors and Seniors. PROFESSOR REEVES.

15. SHORT STORY WRITING. Exercises in the technique of the Short Story, with study of models. Elective for

All courses three hours unless otherwise stated.

Juniors and Seniors, alternate years; offered in 1919-20. PROFESSOR LOCKERT.

16. ARGUMENTATION and DEBATE. One debate a week is required, and a good delivery is insisted upon. Elective for Juniors and Seniors. PROFESSOR LOCKERT. Offered in 1918-19.

17. CHAUCER, LANGLAND AND WYCLIF. FOURTEENTH CENTURY STUDIES. Elective for Juniors and Seniors. Offered in 1919-20. PROFESSOR REEVES.

18. THE ROMANTIC POETS. The culmination of English Romanticism in Wordsworth, Coleridge, Byron, Shelley and Keats. Elective for Juniors and Seniors. Offered in 1919-20. PROFESSOR LOCKERT.

19. AMERICAN LITERATURE. The social and political ideals of Jefferson, Franklin, Adams and Madison. Offered in 1918-19. PROFESSOR REEVES.

GREEK

PROFESSOR NEWHALL

1, 2. GRAMMAR; *Anabasis*, Book I. Optional for admission to Classical Course. Elective in other courses.

3, 4. *Anabasis*, II-IV; *Iliad*, 1900 lines. Prose composition. Optional for admission to the Classical Course. Elective in other courses.

5. LYSIAS, or Selections from Attic Orators. Prose Composition. Optional for the Classical Course. Courses 1-4 prerequisite.

6. ODYSSEY, Selections or Herodotus. Private life of the Greeks. Optional for the Classical Course.

7. PLATO. *Laches and Apology*. History of Greek Literature (Prose). Optional in the Classical Course. Courses 5 and 6 prerequisite.

Odd numerals indicate first semester; even numerals second semester.

8. SOPHOCLES, *Antigone* or *Oedipus Tyrannus*. Aristophanes, *Clouds* or *Frogs*. History of Greek Literature (Poetry). Optional in the Classical Course. Courses 5-7 prerequisite.

9. ÆSCHYLUS. *Prometheus* or *Septem*. Euripides, *Alcestis* or *Medea*. The Greek Drama and Theatre. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

10. SELECTIONS FROM THE LYRIC POETS OR LUCIAN. Greek music and metres. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

11. HOMER IN ENGLISH. The entire Iliad and Odyssey, with lectures on Homeric Life and the Homeric Question. No knowledge of Greek required. Alternate years. Elective for Sophomores, Juniors and Seniors. Offered in 1918-19.

12. GREEK DRAMA IN ENGLISH. No knowledge of Greek required. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1918-19.

13. HISTORY OF ART. The Minor Arts, Painting and Modern Sculpture. Elective for Juniors and Seniors in all courses. Alternate years. Offered in 1917-18.

14. HISTORY OF ART. Architecture and Ancient Sculpture. Second semester. Elective as 13. Offered in 1917-18.

LATIN

PROFESSOR MANNING

1. LIVY. Instruction in Grammar and in the art of reading Latin. Prose Composition. Optional for Freshmen.

2. TERENCE, OVID. Grammar. Prose composition. Optional for Freshmen.

All courses three hours unless otherwise stated.

3. PLINY THE YOUNGER. Letters. Reading at sight. Optional for Sophomores. Courses 1 and 2 prerequisite.

4. HORACE, Selections from the Odes, Satires and Epistles. Study of the poet's life and times. Optional for Sophomores. Courses 1-3 prerequisite.

5. TACITUS. Selections from the *Histories* or *Annals*. Reading at sight. Study of the first century of the Empire. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1918-1919.

6. JUVENAL AND MARTIAL. Study of Roman Private Life. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1918-1919.

7. PLAUTUS AND TERENCE. Reading at sight. Study of the history of the Roman Drama. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1917-1918.

8. CICERO, *Letters*. Study of the author's life and times. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1917-18.

9, 10. ELEMENTARY LATIN. Grammar. Caesar, Book I. Both semesters.

11, 12. CAESAR, CICERO, PROSE COMPOSITION. Both semesters. Latin 9, 10, prerequisite.

ROMANCE LANGUAGES

PROFESSOR LARWILL

1. ELEMENTARY FRENCH. Pronunciation, the essentials of grammar, reading of simple prose and translation into French of short English sentences. Books: Fraser and Squair, *French Grammar*; Aldrich and Foster, *A French Reader*; Larousse, *Histoire de France*.

Odd numerals indicate first semester; even numerals second semester.

2. ELEMENTARY FRENCH. Further study of grammar in connection with exercises in composition, reading of Merimee's *Colomba* and two similar texts.

3, 4. SECOND YEAR FRENCH. Reading of several shorter novels and plays by modern authors; composition and conversation.

5, 6. GENERAL SURVEY OF FRENCH LITERATURE and reading of works representative of various important movements. Courses 3 and 4, or their equivalent, prerequisite. Offered in 1917-18. Books: Pelissier, *Precis de l'Histoire de la Literature Francaise*; Vreeland and Michaud, *Anthology of French Prose and Poetry*.

7, 8. THE LITERATURE OF THE EIGHTEENTH CENTURY. Readings, reports and discussions in French and in English. Courses 3 and 4, or their equivalent, prerequisite. Offered in 1918-19.

9, 10. FRENCH CONVERSATION. Practice in the use of the language of social intercourse, of business, and of travel; letter writing. Courses 3 and 4, or their equivalent, prerequisite. Books: Kron, *Le Petit Parisien*; Blanchaud, *French Idioms*. Offered in 1917-18.

11. ITALIAN: *First Course*. Pronunciation, grammar, simple composition, reading of easy prose. Books: Grandgent, *Italian Grammar*; Bowen, *Italian Reader*; Fogazzaro, *Pereat Rochus*.

12. MODERN ITALIAN PROSE AND COMPOSITION. Reading of selections from Manzoni, D'Annunzio and Verga; composition. Books: Grandgent, *Italian Composition*; *Italian Short Stories*; Manzoni, *I Promessi sposi*.

13, 14. SPANISH: *First Course*. Pronunciation, grammar, simple composition, conversation, reading of easy prose. Books: *Epitome de la Gramatica de la Real Academia Espanola*; *El libro de Juanito*.

All courses three hours unless otherwise stated.

15, 16. MODERN SPANISH LITERATURE AND COMMERCIAL SPANISH. Reading of representative novels and plays; composition and conversation. Books: Ford, *Spanish Composition*; Echegaray, *O Locura O Santidad*; Galdos, *Dona Perfecta*; Harrison, *A Spanish Commercial Reader*.

17, 18. PORTUGUESE: *First Course*. Grammar, composition, conversation. Books: Branner, *Portuguese Grammar*; Andrade, *Segundo livro de leitura*.

GERMAN

PROFESSOR WEST

1, 2. ELEMENTARY GERMAN. Pronunciation, essentials of grammar with constant drill on forms, simple prose composition and practice in speaking German; easy German prose and poetry selected from modern authors with at least one complete longer story.

3. NINETEENTH CENTURY PROSE. Heyse, *L'Arrrabiata*; Freytag, *Die Journalisten*; Wesselhoeft, *German Exercises*; Thomas, *Practical German Grammar*.

4. NINETEENTH CENTURY POETRY. Eulda, *Der Talisman*; Selected Lyrics; grammar and composition as in 3.

5, 6. STUDIES IN EIGHTEENTH CENTURY LITERATURE. The life and works of the great writers of the century will be studied, with such consideration of their times and contemporaries as may be practicable. Courses 1-4 prerequisite.

7, 8. STUDIES IN NINETEENTH CENTURY LITERATURE. Subjects treated as in 5, 6. Courses 1-4 prerequisite.

Odd numerals indicate first semester; even numerals second semester.

9, 10. HISTORY OF GERMAN LITERATURE. A study of the development of German Literature and reading of selections from representative authors of the most important periods. Priest, A Brief History of German Literature; Hentschel, Hey and Lyon, Handbuch zur Einfuhrung in die deutsche Litteratur. Course 1-4 prerequisite.

Courses 1-4 are given each year. Of courses 5-10, one is given each year, determined by the number of students electing it. For 1916-17 Course 5, 6 was elected with Goethe as the author; for 1917-18 Course 7, 8 with The Drama of the Nineteenth Century as subject.

CHEMISTRY

PROFESSOR WEIDA

MR. ROWE

1. GENERAL INORGANIC CHEMISTRY. The work is a descriptive study of the common materials, and includes fifty laboratory periods of at least two hours each, besides recitations and personal conferences. Required of Freshmen in Scientific Course—and in other courses alternative with Physics 1. Four hours credit.

The laboratory work is based on Smith's laboratory outline. The recitations and conferences are adapted to the work actually being done, with assigned readings in several text-books.

1. (a) The same course as outlined above, with the details changed somewhat for students presenting entrance credits in chemistry.

2. GENERAL INORGANIC CHEMISTRY (CONTINUED). Fifty laboratory periods of at least two hours each, with recitations and conferences as above stated. Extra

All courses three hours unless otherwise stated.

laboratory periods are arranged for those properly qualified. (See Course 6.) This course is a continuation of the above from the same descriptive point of view. Especial attention is paid to the useful metals and alloys, their manufacture, their properties and the products they yield. Some work is also done on the detection or analysis of simple compounds. Four hours' credit. Required in Scientific Course (alternative with Physics 2 in other courses.)

3. QUALITATIVE ANALYSIS. A course based on the preceding year of inorganic chemistry, beginning with single salts and passing through the methods of chemical analysis while reviewing the chemical reasons for each step. Each student analyzes a number of unknown substances, both solids and liquids. Six hours each week in the laboratory with frequent conferences and recitations held in the classroom.

NOTE:—When consent of instructor is obtained, the amount of work done in Qualitative Analysis may be increased by continuing similar work through the second semester.

4. ORGANIC CHEMISTRY. A classroom course giving an outline view or descriptive study of the most important compounds of carbon. This course is necessary to those looking forward to the study of medicine, and may be taken immediately after Course 2, if desired.

Laboratory work on Organic preparations is not included in this course, but may be taken at the same time or following as a separate course (see Courses 6, 7).

5. ADVANCED TOPICS IN CHEMISTRY.

A classroom course open to Juniors and Seniors who have had Courses 1-4. The special subjects vary from

Odd numerals indicate first semester; even numerals second semester.

year to year. History of Chemistry was the subject in 1917; and next year Reading of Chemical German will be offered for those properly prepared in German as well as in Chemistry.

6. CHEMICAL PREPARATIONS. A laboratory course open only to those who have made a good record in Chemistry of the first semester. The student himself prepares a selected list of materials that are being studied in the descriptive courses. It may thus accompany Course 2 and 4, or follow these. This work must ordinarily be done in the second semester. Either 3 or 6 hours' credit, according to assignment.

7. CONTINUATION OF COURSE 6. Such a continuation in the first semester is allowed only in exceptional cases; and in each case the consent of the professor must be secured before registration.

8. DESCRIPTIVE MINERALOGY. A course planned to follow Qualitative Analysis (Course 3 prerequisite) and including some of the methods of blowpipe analysis. The course is, however, descriptive, as the name implies, rather than analytical, and may be taken by those desiring information on the common minerals and ores. The description of mineral species requires at the beginning a study of the crystal forms in which they may occur, and of any other physical properties that may be of value in description. Offered only when desired by four or more students.

9-12. ADVANCED LABORATORY WORK. A course in pure Chemistry for general students; and open only to Seniors who have previously shown special excellence in Chemistry. Prerequisite: Courses 1-4. The main work will be in Quantitative Analysis, but in some cases special subjects such as medical chemistry may be taken up after sufficient general quantitative work has been done. The

All courses three hours unless otherwise stated.

work is individual, under the supervision of the professor, and may be taken as a single course for 3 hours' credit, or as a double course for 6 hours' credit.

BIOLOGY

PROFESSOR WALTON

The courses in this department are not only designed for the general student, but also furnish special training for students who expect to study medicine.

1, 2. GENERAL BIOLOGY. This is intended as an introduction to subsequent courses as well as for the purpose of presenting a general survey of the subject to those students wishing to take only one year of Biology. It consists of lectures, recitations and laboratory work on selected types of organisms and on various phases of animal and plant life of a special nature. Topics such as the origin and manifestations of life, the cell and the cell theory, the individual, heredity, variation, selection, genetics and especially mendelian phenomena, are carefully considered in the lectures.

During the present period, the principles of sanitation, hygiene and preventative medicine will be given particular emphasis.

The work is supplemented by occasional field excursions. Two laboratory periods of two and one-half hours each and one hour lecture a week. Elective for Sophomores, Juniors and Seniors.

3. COMPARATIVE ANATOMY OF THE VERTEBRATES. Lectures, recitations and laboratory work on vertebrates from *Amphioxus* to Man, with particular attention to comparisons of the skeletal system, the nervous system, the circulatory system, etc. Text-book, Pratt, *Vertebrate*

Odd numerals indicate first semester; even numerals second semester.

Zoology. Five hours' laboratory and one hour lecture a week. Elective for Juniors and Seniors. Courses 1-2 prerequisite.

4. HISTOLOGY AND MICROTECHNIQUE. This course is closely correlated with Course 3 of which it forms the continuation. Permanent preparations are made of organs and tissues which have been previously dissected, fixed and placed in alcohol or imbedded in paraffine. Particular attention is paid to the physiologic function of the various groups of cells. The theory of the microscope and methods in microtechnique sectioning, staining, etc., are carefully considered at the beginning of the course. Five hours laboratory and one hour lecture a week. Elective for Juniors and Seniors.

5, 6. NEUROLOGY. A comparative study of the growth and structure of the nervous system in the different groups of animals, with particular attention to the morphology of the central nervous system of the vertebrates. Five hours laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1918-19.

7, 8. EMBRYOLOGY. Lectures, recitations and laboratory work based on a general study of the development of animals from the formation of the egg to the attainment of growth in the adult. Particular attention is given to cytology during the early part of the course. A series of *in toto* preparations and transverse sections from the early stages of the chick are made by each student to be used in subsequent study. Text-book: McMurrich or Heisler. Reference books: Minot, Hertwig, Roule, etc. Five hours laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1917-18.

All courses three hours unless otherwise stated.

9, 10. **ADVANCED BIOLOGY.** Special laboratory work arranged with reference to the individual needs of the students wishing to devote a maximum amount of time to the study of Biology. Courses 1-4 prerequisite.

PHYSICS

ASSISTANT PROFESSOR JOHNSON

A. ELEMENTARY PHYSICS. A first course in general physics combining a review of high school physics with a lecture and laboratory course designed to bridge the gap between the ordinary high school course and General College Physics, 1 and 2. This course should be of interest to the average student who may not be specializing in science, for it is descriptive and experimental rather than mathematical. It may also be taken to satisfy the entrance requirement for Physics 1 and 2. No previous work in physics nor in mathematics beyond algebra and geometry is required. For those who have not presented high school physics for entrance to college, the work will be somewhat modified. Three class hours and one laboratory period each week. Four hours credit.

1, 2. GENERAL PHYSICS. A course in college physics following Physics A, and entering more into the theory of physical phenomena and the relation between theory and experiment than is possible in the elementary course. The accompanying laboratory work is purely quantitative. Three experimental lectures a week and at least fifty hours of laboratory work each semester. Open to all students who have had high school physics or Physics A and who have had or are taking Mathematics 1 and 2. Four hours' credit.

Odd numerals indicate first semester; even numerals second semester.

NOTE:—Of the courses listed below, only a part are offered each year, as indicated by the accompanying dates. They are also so arranged that the advanced laboratory and theoretical courses may be taken in conjunction advantageously, in which case six hours credit will be given, e. g., as follows:

- Course 3 with course 7.
- Course 4 with course 10.
- Course 5 with course 11.
- Course 6 with course 12.

Courses 3, 4, 5 and 6 are primarily laboratory courses. Each consists of three laboratory periods a week, of at least two hours each. Occasionally a lecture may be substituted for one of these periods. Prerequisites: Physics 1 and 2, and Mathematics 1 and 2.

All students planning to study medicine or engineering should elect at least one of these three hour laboratory courses in addition to General Physics 1 and 2.

3. EXPERIMENTAL MECHANICS. 1918-19.

4. HEAT. A laboratory study of heat effects, changes in volume, thermometry, calorimetry, transfer of heat-energy, the mechanical equivalent of heat, etc. 1918-19.

5. SOUND AND LIGHT. An experimental study of vibrating bodies and wave motion in various media, reflection, refraction, dispersion, color sensation, and polarization. 1917-18.

6. ELECTRICAL MEASUREMENTS. Fundamental electrical units, measurements of resistance, current, electromotive force, quantity, capacity, self- and mutual-induction. 1917-18.

NOTE:—Courses 7, 8, 10, 11 and 12 are lecture and problem courses with collateral reading. Open to those who have had Physics 1 and 2, and who have had or are taking Mathematics 3 and 4.

7, 8. THEORETICAL MECHANICS. An elementary course in analytical mechanics. 1918-19.

9. PHOTOMETRICAL MEASUREMENTS. A laboratory study of light sources and their uses in illumination.

All courses three hours unless otherwise stated.

Photometric tests of commercial lighting units, including gas lamps, and direct and alternating current arc and incandescent lamps. 1918-19.

10. THEORY OF HEAT. An analytical study of heat sources, heat transferences, methods of heat measurement, the Kinetic Theory of Gases, and the thermodynamics of heat engines. 1918-19.

11. THEORY OF LIGHT. A study of the underlying principles of Geometrical and Physical Optics. 1917-18.

12. THEORY OF ELECTRICITY AND MAGNETISM. Electrostatics, electric circuit calculations and the theory of electrical measuring instruments. 1917-18.

13, 14. DYNAMO-ELECTRIC MACHINERY. Direct and alternating current, in theory and practice. A pre-engineering course. Two lectures and one laboratory period a week. Prerequisite: Physics 6 or 12.

15. HISTORY OF PHYSICS. A course of lectures on the leading physicists of all ages and their work. Supplemented with reports on collateral reading. Open to those who have had Physics 1 and 2.

17, 18. TELEGRAPHY. A special laboratory course offered for the first time in the fall of 1917 in response to the government call for the aid of schools in training telegraph operators for the Signal Corps. The ordinary instruments and a few of the simpler circuits are studied, but practice work on typical lines in sending and receiving the International Code occupies most of the time. According to the ruling of the War Department, the student who acquires a certain proficiency can be reasonably sure of placement in the Signal Corps, if he so desires, by presenting a certificate from the instructor. Taking the course does not in any way oblige the student to enter the

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government employment, but on the other hand, should he wish to enlist, or should he be drafted, he is at once eligible to a highly desirable branch of the service. Offered each year.

MATHEMATICS AND CIVIL ENGINEERING

PROFESSOR ALLEN

1, 2. ELEMENTARY MATHEMATICAL ANALYSIS. This course covering the use of coordinate systems, plotting and discussion of simple functions, plane trigonometry and elementary analytic geometry is required of all Freshmen. Freshmen offering Mathematics 2 (b) and (c), (see p. 30) for entrance may enter the course the second semester.

3, 4. CALCULUS. Text, *The Calculus*, Davis. Required of Scientific Students. Course 3 is required of students omitting Course 1. Courses 1 and 2 prerequisite.

5, 6. CALCULUS AND DIFFERENTIAL EQUATIONS, ANALYTIC GEOMETRY. This course is designed for students of Engineering. Offered 1918-19.

7, 8. MODERN GEOMETRY. Texts, *Cremona* and *Reye* supplemented by lectures. Given in 1917-18.

10. DESCRIPTIVE ASTRONOMY. (Alternate years; offered 1918-19.)

11, 12. PLANE SURVEYING. Text, Raymond. Also TOPOGRAPHIC AND RAILROAD SURVEYING. Given in 1917-18.

13. FIELD WORK IN SURVEYING. Courses 11 and 12 continued and applied to concrete problems. Three hundred hours of office and field work given in the six weeks following Commencement. Offered in 1917-18.

All courses three hours unless otherwise stated.

15. DESCRIPTIVE GEOMETRY. Text, *Descriptive Geometry, with Shades and Shadows and Perspective*, Church. Courses 1 and 2 prerequisite. Offered 1918-19.

16. ELEMENTARY MECHANICAL DRAWING. Seven and one-half hours a week (3 hours' credit). Offered 1918-19.

HISTORY

1, 2. MEDIEVAL AND MODERN EUROPEAN HISTORY. The period of history covered extends from the Fall of the Roman Empire and the Great Migrations to the French Revolution. The development of modern industrial, social and political systems receives careful attention. Robinson's *History of Western Europe* and Trenholm's *Syllabus* are used as texts, but much collateral reading is required. Elective for Sophomores and Juniors. PROFESSOR CAHALL.

3, 4. HISTORY OF THE NINETEENTH CENTURY IN EUROPE. This course covers the history of Europe from the beginning of the French Revolution to the present time, special attention being given to the Unification of Germany and of Italy. Elective for Juniors and Seniors. Alternate years. Offered in 1918-19. PROFESSOR CAHALL.

5, 6. ENGLISH CONSTITUTIONAL HISTORY. The course covers the whole period of the development of the English Constitution. Gardiner, *Student's History*, is used as the basis of the work, with collateral reading and the preparation of essays. Elective for Juniors and Seniors. Courses 1 and 2 prerequisite. Alternate years. Offered in 1918-19. PROFESSOR CAHALL.

7, 8. AMERICAN POLITICAL HISTORY. The period covered extends from the middle of the Eighteenth Century to the end of the Reconstruction period in 1876.

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Outside reading and the private investigation of assigned subjects form a large part of the course. MacDonald's collection of documents is used extensively. Required of Juniors. PRESIDENT PEIRCE

10. ROMAN HISTORY. Emphasis is placed upon the later Republican and the Imperial periods. Elective for Sophomores and open to Freshmen. PROFESSOR CAHALL.

11. THE RISE OF PRUSSIA AND THE FORMATION OF THE GERMAN EMPIRE. A study of the growth and political development of Prussia, and the genius of German civilization. History 1 and 2 prerequisite. Alternate years. Offered in 1917-1918. PROFESSOR CAHALL.

12. THE PROTESTANT REVOLT. A study of the economic, political and intellectual conditions which caused the rupture in the Catholic world; and also of the origin of modern religious beliefs. Alternate years. History 1 and 2 prerequisite. Offered in 1917-1918. PROFESSOR CAHALL.

POLITICAL SCIENCE

PROFESSOR CAHALL

1. AMERICAN GOVERNMENT. The national and state systems are discussed in lectures, recitations and debates. The text is Beard's *American Government and Politics* and the readings for the same. Elective for Sophomores, Juniors and Seniors.

2. AMERICAN GOVERNMENT. The municipal system and its problems are the subject. Beside a study of the functions and needs of the American city attention is given to the organization and administration of European cities. The text is "*The American City*," by W. B. Munro. Elective for Sophomores, Juniors and Seniors.

All courses three hours unless otherwise stated.

3, 4. CONTEMPORARY POLITICS AND THE GOVERNMENTS OF EUROPE. The course analyzes the present governments of Europe in the light of their origin. By a study of the vital problems of Europe since 1870, it attempts to explain the World War. Lectures, discussions and reports upon outside reading. Text, Frederic A. Ogg, *The Governments of Europe*. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1918-19.

5. MUNICIPAL ADMINISTRATION. The problems of city administration will be taken up following a thorough review of the organization of city government. Open to Juniors and Seniors. Alternate years. Offered in 1917-18.

6. INTERNATIONAL LAW. A course devoted to the rules observed by the leading nations in peace and war, the effects of new conditions, developed in recent wars, and the movement towards the prevention of war. Open to Sophomores, Juniors and Seniors. Alternate years. Offered in 1917-18.

ECONOMICS AND SOCIOLOGY

PROFESSOR SELINGER

1, 2. PRINCIPLES OF ECONOMICS. An introductory course in the fundamental principles and problems of the science. Recitations, problems, lectures, discussions, one essay per semester. Elective for Sophomores, Juniors and Seniors. This course must be taken as a whole in order to receive credit in either part.

3. MONEY AND BANKING. The theory of money, credit, prices, crises. The monetary systems of the world; the present banking systems of the United States and other countries. International exchange. Text

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book and collateral reading, the preparation of an essay embodying the results of an intensive study of some problem in contemporaneous banking. The lectures cover the practice of banking in the United States with special reference to commercial banking and the problems arising from War Finance. Prerequisite Courses 1 and 2. Elective for Juniors and Seniors.

4. LABOR CONDITIONS. A study of the industrial group in its physical, economic, social and cultural relations. Including a treatment of immigration, trade unionism, and socialism. A lecture course with collateral reading, class discussions, reports and a research essay. Prerequisites Courses 1 and 2. Elective for Juniors and Seniors.

5. COMBINATIONS AND PRIVATE FINANCE. A survey of the legal, financial and social problems arising from finance capital in modern industrial organization. The function of the promoter, the pool, monopoly and trust with reference to price, the labor situation and social and political welfare. The marketing of evidences of ownership and indebtedness in and of Private and Quasi-Public Corporations. A lecture course with collateral reading, daily written problems, and the preparation of a research essay. Prerequisite Courses 1 and 2. Elective for Juniors and Seniors.

6. PUBLIC FINANCE. The rise of the Science of Finance, the doctrine and practice of public expenditures, the budget and the raising of Public Revenue. The evolution of the tariff, income and inheritance taxation. The general theory of international commerce. A comparative study of public finance in peace and war. Problems arising from the marketing of evidences of municipal, state and federal indebtedness. A lecture course with

collateral reading, class reports and the preparation of a research essay. Prerequisites Courses 1 and 2. Elective for Juniors and Seniors.

BUSINESS

7. **COMMERCIAL LAW.** The purpose of this course is to familiarize the future business and professional man with the fundamental principles of the law of contracts, negotiable instruments, agency, partnership, corporations, sales, investments, insurance, bailments, real and personal property. Text book, reading of cases, reports, daily written problems, class discussions. Open to all classes.

8. **PRINCIPLES OF ACCOUNTING.** While technical in method this course aims at the interpretation of accounts rather than at the training of accountants. The interpretation of balance sheets and their relations, capital and operating expenses, including the principles of valuation and scientific bookkeeping are studied experimentally. This course assumes that the student has no previous familiarity with modern bookkeeping. Open to all classes.

9. **BUSINESS ORGANIZATION.** A study of modern business management from the point of view of commercial efficiency. The organization of production, location, planning and lay-out of industrial establishments, scientific management as applied to purchase, sale, employment, and factory management in general. The principles of office organization, sales and credit organization. The function of the scientific engineer and the relations of the efficiency expert to modern business.

A lecture course involving a large amount of collateral reading, private investigation of commercial and manu-

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facturing establishments, planning and charting, and the preparation of a research essay. Open to all classes.

10. **SALESMANSHIP, CORRESPONDENCE AND ADVERTISING.** The principles of scientific efficiency ascertained in Course 9 are applied to specific problems in marketing. The psychology of salesmanship, the rhetorical and logical principles of effective letter writing, the psycho-economic function of advertising as a business force are studied by lecture reading and example. The student is expected to prepare a carefully worked out selling campaign of a definite commodity as the result of his research study. Prerequisite Course 9. Open to all classes.

SOCIOLOGY

11. **INTRODUCTION TO THE STUDY OF SOCIETY.** An application of the process concept to the forms of human association. The biological and psychological foundations of associated behavior are studied by means of a cursory survey of the family in its genetic and social aspects and the problems arising from the functioning of race, oppression and ignorance are surveyed. Text book, collateral reading and research essay. Not open to Freshmen or Sophomores.

12. **THE CITY.** A study of the social, political and economic functioning of urban groups. A lecture course with collateral reading, reports and a research essay. Given 1916-17. To be given 1919-20.

14. **THE RURAL COMMUNITY.** A survey of the physical, economic, and social conditions of life in the country. The problem of scientific agriculture as a profession, agricultural population, education and religion is given special attention. A lecture course, with collateral reading and the preparation of a research essay. Not

open to Freshmen or Sophomores. It is desired, though not required, that students electing this course have taken either 1 and 2, or 11. 1917-1918.

16. **PHILANTHROPY.** Studies in the nature, origin and relief of dependent, defective and delinquent classes. A program of social prophylaxis. This course does not aim at the specific training of "social workers," but has for its purpose rather the kind of survey of social pathology which is necessary to a cultured gentleman as a guidance in his social relations to the unfortunate and undesirable. Same conditions as 14. 1918-19.

MENTAL AND MORAL PHILOSOPHY

1. **LOGIC AND ETHICS.** The fundamental principles of deductive and inductive Logic are covered during the first half of the semester and a general survey of the problems and methods of Ethics occupy the remainder of the time. Creighton and De Laguna are used as hand-books supplemented by lecture and discussion. Elective for Juniors and Seniors. **PRESIDENT PEIRCE.**

2. **PSYCHOLOGY.** The course in Psychology consists of one lecture and two recitations each week. Witmer's Analytical Psychology is used as a text-book, while in the lectures an effort is made to correlate the views of the older schools of psychologists with the recent views of Loeb, Jennings, etc., concerning the dynamics of living matter. Elective for Juniors and Seniors. **PROFESSOR WALTON.**

3. **HISTORY OF PHILOSOPHY.** A brief but systematic and critical outline of Ancient, Mediæval and early Modern Philosophy is presented. The text used is Thilly,

History of Philosophy. Elective for Juniors and Seniors. Alternate years. Offered in 1917-18. PRESIDENT PEIRCE.

4. METAPHYSICS. On the foundation furnished by Course 3 a more thorough study of particular systems of Philosophy is pursued. The critical philosophy of Kant and the present situation in philosophy are given special attention. Course 3 prerequisite. Elective for Juniors and Seniors. Alternate years. Offered in 1917-18. PRESIDENT PEIRCE.

THE BIBLE

PROFESSOR SMYTHE

1. INTRODUCTION TO THE BIBLE. The student is given a good deal of information regarding the composition of the books of the Bible, their transmission, the canon, textual criticism, translations, etc. In the latter part of the semester the history of the Hebrew people is studied in outline. One hour a week. Required of Sophomores.

2. THE LIFE OF OUR LORD. An effort is made to present to the student a clear picture of the Master, His character, ideals and work. The Gospel according to St. Mark is the basis of this study. One hour a week. Required of Sophomores.

4. THE RELIGION OF ISRAEL. An introductory course. Kent's Historical Bible is used, lectures are given, and a considerable amount of outside reading is required. Elective for Juniors and Seniors. Alternate years. Offered in 1917-18.

6. THE ETHICAL TEACHING OF JESUS CHRIST. A study of the principles enounced by Christ, and of their application to modern conditions and problems. Elective for Juniors and Seniors. Alternate years. Offered in 1918-1919.

All courses three hours unless otherwise stated.

MILITARY TRAINING

MAJOR WARD

DRILL AND LECTURES. Three hours as required by General Order No. 48, 1916, War Department. Infantry drill regulations through the school of the company; nomenclature and care of the rifle; instruction and practice in rifle fire. Interior guard duty. Map study. All-day practice march, hasty intrenchment digging, obstacle making, individual military cooking. Lectures on army organization and other kindred subjects. Inspection by an officer of the Regular Army. Moss's Manual of Military Training is the text-book used. Required of all students under special resolution of the Board of Trustees passed in June, 1917. To students recommended for proficiency by the Commandant one and one-half hours' credit will be given each semester.

Students in the Military Department who desire to qualify as marksman, sharpshooter or expert with the military rifle may join the College Rifle Club, thus securing privileges of indoor and outdoor ranges and receiving 120 rounds of Krag ammunition a year. This amount provides practice at 200 yards, slow fire, and at 300 and 500 yards, deliberate fire. Shooting is done under the rules of the War Department.

LECTURES TO FRESHMEN

During the first two or three months of the college year weekly lectures are given to new students by the President of the College. The main problems of College life and work are discussed with an exposition of College rules. Five or six lectures on the history of Kenyon College terminate the course.

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GENERAL INFORMATION

MATRICULATION

Each student on entering College is assigned to a member of the Faculty who acts as his special adviser in all matters pertaining to his College work and life.

A student is admitted to matriculation when he has sustained a satisfactory probation, as described on page 35. Matriculation gives accredited membership in the Institution, entitles the student to an honorable dismissal and is essential to his obtaining a degree. The public exercise of matriculation occurs shortly after Thanksgiving recess. Each student then signs the following obligation:

We, the subscribers, undergraduates of Kenyon College, being now admitted to the rite of matriculation, do promise, each for himself:

1. That we will faithfully observe and obey the laws and regulations of the College, and all authoritative acts of the President and Faculty, so long as we are connected with the College; and as far as may be in our power, on all occasions we will give the influence of our good example and precept to induce others in like circumstances to do the same.

2. As faithful sons of Kenyon College, we will render to her as our Alma Mater, at all times and on all occasions, due honor and reverence, striving to promote her welfare by all proper means, and abstaining carefully from all things that may tend to impair her influence or limit her usefulness as a seminary of learning.

BACCALAUREATE DEGREES

The degrees of Bachelor of Arts, Bachelor of Philosophy and Bachelor of Science are conferred upon the completion of the classical, philosophical, and scientific courses respectively.

Final Honors

Honors at graduation are conferred in the order of rank upon students whose average grade for the entire course is $1\frac{1}{2}$ or higher. The names of honor men are announced at the Commencement exercises and are printed in the annual catalogue.

Students are graded in all subjects on the scale of 5, 1 standing for the highest rank or excellent work. A grade of 3 is required for passing. When the average of all marks for the college course yields a result of $1\frac{1}{2}$ or less, graduation honors are awarded.

For a grade of 1 in any course an extra credit of one-sixth is allowed; thus, a grade of 1 in a three-hour course counts $3\frac{1}{2}$ hours toward graduation.

The Phi Beta Kappa Society

At seventy-one American colleges and universities chapters of the Phi Beta Kappa Society are at present established. The society was organized to encourage and to recognize excellence in scholarship, and high standing is an essential condition for admission. The fraternity established the Beta Chapter of Ohio at Kenyon College in 1858. Undergraduates may be elected at the end of the Junior and of the Senior year.

THE DEGREE OF MASTER OF ARTS

Graduates of Kenyon College, or of some other institution of equal standing, pursuing non-technical or non-professional courses in any accredited institution of learning, may be admitted as candidates for the degree of Master of Arts by vote of the College Faculty. Each candidate shall be assigned to the oversight of some member of the College or Seminary Faculty, who shall be director and judge of his work. This work shall consist of courses of graduate study closely related to the work comprised in the curriculum of Kenyon College and equivalent in amount to the studies of a full college year

of fifteen hours per week, and shall include the completion and presentation of a thesis embodying the results of this work. This thesis shall be presented not later than May 15, and must be approved by the Director and two other members of the Faculty.

The fee charged for the Master's degree is \$25.00, of which \$20.00 must be paid on admission as candidate and \$5.00 accompanying transmission of the thesis.

This degree may be also conferred *honoris causa* upon men of good attainments in literature, science, history or philosophy, who shall submit theses or essays or published works indicative of such attainments.

Further, this degree may be conferred on graduates of Bexley Hall who are graduates of Kenyon College or of some other institution of equal standing, who shall fulfill the requirements regarding the thesis as stated above and shall accompany the transmission of the same with the payment of the fee of \$5.00.

HOODS

The American intercollegiate system of academic costume has been adopted. For the Bachelor's degree the hood is black in color and not exceeding three feet in length. It is of the same material as the gown and lined with mauve silk, the College color. The binding or edging, not more than six inches in width, is distinctive of the faculty to which the degree pertains, as follows: Arts, white; Theology, scarlet; Law, purple; Philosophy, dark blue; Science, gold yellow. The hood for the Master's degree is the same shape as the bachelor's but one foot longer. The Doctor's hood is of the same length as the Master's, but has panels at the sides.

EXAMINATIONS

Final examinations are held at the end of each semester and cover the work of the half year.

Students are required to take final examinations in all subjects. Any student absenting himself from such examina-

tions is required to repeat the subject in class and is not allowed to make it up by examinations.

Since 1901 all examinations have been held under an honor system, which has achieved excellent results. The following resolutions adopted by joint action of students and faculty describe the system:

Resolved, That, subject to confirmation by the Faculty and the Assembly, all examinations, whether original or conditional, and all tests and written lessons shall be conducted in accordance with the principles of the Honor System; and,
That the Honor System shall be conducted as follows:

1. A committee of seven men, representing each division of the student body and made up of three Seniors, two Juniors, one Sophomore and one Freshman, shall be elected at the first Assembly meeting of each year.

2. The duties of the committee shall be (a) to draw up rules to govern the examinations of each year; (b) to investigate any case of suspected violation of the principles of the Honor System, and to recommend to the Faculty for expulsion any student found guilty of such violation.

3. No instructor shall remain in the room where examinations, tests, or written lessons are being held, unless by special request of the class; and,

That every student taking work in the College shall sign the following honor pledge, which shall be binding at all examinations, tests, or written lessons, to-wit:

(Pledge.) In view of the introduction of the Honor System of examinations I pledge myself to support that system to the utmost of my ability, and not only myself to act in accordance with what I conscientiously believe to be its spirit, but also to encourage others to do the same and strongly to discountenance any violation of it.

CONDITIONS

A student whose grade falls below the passing standard of 3, and is expressed by the mark of 4, is given an opportunity to remove the condition by passing another examination. Failure to pass this examination deprives the student of credit in the subject.

This examination for the removal of conditions is held not later than the middle of the following semester.

RELIGIOUS SERVICES

Morning prayers are said daily in the College church. The Holy Communion is celebrated every Sunday at half past seven in the morning and also at half past ten on the first Sunday of the month. On Saints' Days the Holy Communion is celebrated at a quarter past nine in the morning. The choir is composed of College students.

Students are required to be present at Morning Prayers every day and at the Church service on Sunday morning and the chief Holy Days.

Every absence from or tardiness at Morning Prayers gives one mark for absence, and every absence from or tardiness at a Church service at which attendance is required gives two marks. A student is allowed thirty-five marks a semester, and is suspended for the remainder of the semester if he exceeds that number. No application for excuse on any ground whatever is received from the student.

DISCIPLINE

Regularity in the performance of all College duties is insisted upon, and any student who persistently neglects his work is required to leave College.

The Faculty reserves the right to suspend or remove any student whenever it believes that the interests of the College require such action.

A committee of Seniors elected by the student body assumes the responsibility of maintaining discipline in the College dormitories. It is the duty of this committee to preserve good order and to enforce the rule of Trustees and Faculty which strictly forbids the keeping of intoxicating liquor on the College premises. The committee holds frequent meetings and meets once a month with the President of the College.

EXPENSES

The necessary expenses of a student including table board, laundry, books and all College fees amount as a rule to between one hundred and fifty to two hundred dollars for each semester. A list of the College fees follows:

Entrance fee	\$ 5 00
Tuition, per annum	75 00
Incidental fee, per annum	10 00
Library and Reading Room, per annum	3 00
Gymnasium fee, per annum	3 00
Room rent, per annum	\$20 00 to 50 00
Heat, per annum	15 00 to 40 00
Diploma fee	5 00

For laboratory courses in the departments of chemistry, physics and biology, a fee of \$5.00 a semester is charged.

Each student must keep on deposit with the Treasurer \$5.00 as security for damages. Any balance is returned at the close of the year.

College dues are payable in two equal installments, one of which is due near the beginning of each semester. The following rule of the Board of Trustees regulates the payment:

All students are required to pay their term bills in advance. Any student whose term bill shall not have been paid within two weeks after the date of its issue from the Treasurer's office will be suspended from all College privileges until payment has been made. If the bill shall remain unpaid at the end of the semester, the suspension will become final.

DORMITORY ROOMS

Old Kenyon and Hanna Hall, the College dormitories, are handsome, convenient buildings, with the most modern systems for heating and plumbing. The charge for rent and heat varies from \$1 to \$2 a week. The rooms are heated by steam and are finished in hardwood. Furniture must be provided by the student.

All students room in the College dormitories except upon special permission from the President. Rooms are assigned from the President's office.

New students should apply for rooms at least several weeks before the opening of the College year.

Second-hand furniture can often be bought to advantage from students who are leaving College or through the Superintendent, John Parker, to whom inquiries for furniture should be addressed.

THE COLLEGE COMMONS

By the co-operation of Trustees and Alumni a College Commons was opened in 1912. Gifts in June, 1915, from Samuel Mather, David Z. Norton, James H. Dempsey and William G. Mather provided for the enlargement and improvement of the Commons building. Dining and lounging-rooms are now ample and attractive and the entire equipment is thoroughly modern. The Commons furnishes excellent board at cost and provides a ground of meeting for all of the men in College.

All students are required to pay a Commons fee of \$20 a semester. The price of board in addition to this fee is \$3.50 a week, payable strictly in advance.

By action of the Board of Trustees all students receiving scholarship concessions of any kind whatever are required to board at the Commons.

STUDENT ORGANIZATIONS

The literary societies, the Philomathesian, founded in 1827, and the Nu Pi Kappa, founded in 1832, are actively maintained. Weekly meetings are held by both societies, and one or more debates with other colleges are arranged each year. Interest is further stimulated by the inter-society debates for the Stires Prizes. By gifts from the Alumni, the society rooms in Ascension Hall are handsomely finished in carved oak, with beamed and paneled ceilings and elaborate window and door casings.

The student publications are the *Collegian*, which appears three times a month during the college year, and the *Reveille*, published annually by the Junior class.

The management of all athletic, musical, dramatic and other interests is vested in the Kenyon College Assembly, the corporate organization of the student body.

REGISTER OF STUDENTS, 1917-1918

SENIOR CLASS

WARREN HASKELL CATT, <i>Scientific</i>	22	E. W., Old Kenyon Lima
FREDERICK BROWN DECHANT, <i>Scientific</i>		E. W., Old Kenyon Middletown
MARION DREXEL DOUGLASS, <i>Classical</i>		S. D., Hanna Hall Mansfield
TODD MEARL FRAZIER, <i>Philosophical</i>	11	M. D., Hanna Hall Lima
CLIFTON KINGSLEY LOOMIS, <i>Philosophical</i>		E. W., Old Kenyon Medina
RICHARD WILLIAMS MAXWELL, <i>Philosophical</i>	5	S. D., Hanna Hall Mansfield
LEONARD MITCHELL, <i>Philosophical</i>		Bexley Hall New Straitsville
WILLIAM VINCENT MUELLER, <i>Classical</i>	2	S. D., Hanna Hall Racine, Wis.
AYDEN ARBERT REMY, <i>Philosophical</i>	52	M. D., Old Kenyon Mansfield
HAROLD BAKER SMITH, <i>Scientific</i>		Bexley Hall Bedford
LUTHER HEISLER TATE, <i>Classical</i>	11	M. D., Hanna Hall Waterloo, Iowa
THOMAS WETZLER WISEMAN, <i>Scientific</i>	21	E. W., Old Kenyon Lancaster

JUNIOR CLASS

LAFAYETTE ABBOTT, <i>Scientific</i>	40	W. W., Old Kenyon Lancaster
RALPH NELSON ANDREWS, <i>Scientific</i>	52	W. D., Old Kenyon Huntington, W. Va.
JAMES WHITCOMB BEACH, <i>Philosophical</i>	21	S. D., Hanna Hall Coshocton
EUGENE GROVE CARPENTER, <i>Philosophical</i>	38	N. D., Hanna Hall Kenton
JOSEPH EMERSON CARTER, <i>Classical</i>	51	M. D., Old Kenyon Cleveland

FLETCHER MARSH DEVIN, <i>Philosophical</i>	1	E. W., Old Kenyon Mt. Vernon
JOHN FENDALL DUDLEY, <i>Scientific</i>	2	E. W., Old Kenyon Washington, D. C.
LELAND CECIL GUNN, <i>Philosophical</i>	45	E. D., Old Kenyon Toledo
RAYMOND JAMES HARKINS, <i>Classical</i>	36	W. D., Old Kenyon Cuyahoga Falls
ROBERT U. HASTINGS, <i>Scientific</i>	39	W. W., Old Kenyon Lancaster
ROY HECK, <i>Classical</i>	27	M. D., Hanna Hall Ironton
ANTHONY WILLAMOND HELEN, <i>Philosophical</i>		Gambier
ROMAYNE BRADFORD HILL, <i>Philosophical</i>	56	M. D., Old Kenyon Tacoma, Wash.
HAROLD FREDERICK HOHLY, <i>Philosophical</i>	6	E. D., Old Kenyon Toledo
WENDELL CALVIN LOVE, <i>Philosophical</i>	25	S. D., Hanna Hall Fremont
THOMAS MABLEY, <i>Classical</i>	32	M. D., Old Kenyon Winslow, Arkansas
RAYMOND ARTHUR MCKINSTRY, <i>Philosophical</i>		Bexley Hall Chanute, Kans.
CARTER SMART MILLER, <i>Philosophical</i>	13	N. D., Hanna Hall Bay City, Mich.
ARTHUR BENJAMIN PARKER, <i>Philosophical</i>		Gambier
EDWARD BENJAMIN PEDLOW, <i>Philosophical</i> ..	52	W. D., Old Kenyon Ravenna
AARON BURT CHAMPION ROWE, <i>Philosophical</i> ..	18	N. D., Hanna Hall Cincinnati
GEORGE BENJAMIN SCHNEIDER, <i>Philosophical</i> ..	27	M. D., Hanna Hall Hartland, Wis.
PAUL FEHR SEIBOLD, <i>Scientific</i>	51	W. D., Old Kenyon Mt. Vernon
JOHN LLOYD SNOOK, <i>Philosophical</i>	59	W. W., Old Kenyon Troy
ROLLO WILLIAM STEVENS, <i>Philosophical</i>	37	N. D., Hanna Hall Columbus

- FRANCIS WHARTON WEIDA, *Scientific* N. D., Hanna Hall
Gambier
- TRUMAN PADDOCK YOUNG, *Philosophical* 16 W. D., Old Kenyon
Tiffin

SOPHOMORE CLASS

- JAMES LAWRENCE BERKEY, *Scientific* 21 E. W., Old Kenyon
Cleveland
- ARTHUR LAWRENCE BOYD, *Scientific* 22 S. D., Hanna Hall
Sharon, Penna.
- GEORGE LOUIS BRAIN, *Classical* 37 N. D., Hanna Hall
Springfield
- RUSSELL VANCE EASTMAN, *Philosophical* . . . 41 E. W., Old Kenyon
Mt. Vernon
- BARTON HENRY GRAVES, *Philosophical* 60 W. W., Old Kenyon
Toledo
- JAMES HENRY GREGG, *Philosophical* 41 E. W., Old Kenyon
Minneapolis, Minn.
- KENNETH MERCER HARPER, *Philosophical* . . 42 E. W., Old Kenyon
Mt. Vernon
- WILLIAM ANDREW HENDERSON, *Scientific* . . 56 W. D., Old Kenyon
Zanesville
- ALFRED LEONARD HOHLFELDER, *Scientific* . . . 25 S. D., Hanna Hall
Cleveland
- CHESTER JAMES HOLLEY, *Philosophical* 8 M. D., Hanna Hall
Martin's Ferry
- ARTHUR ORRELL HOWARTH, *Philosophical* . . 28 M. D., Hanna Hall
Cleveland
- JOHN MARSHALL KNOX, *Philosophical* 1 E. W., Old Kenyon
Lima
- LLOYD LARKIN MCCARTNEY, *Scientific* 22 S. D., Hanna Hall
Lakewood
- JAMES HERBERT McMURRAY, *Classical* 32 M. D., Old Kenyon
Marion
- SAMUEL LEWIS MARTIN, *Classical* 31 M. D., Old Kenyon
Marion
- EDGAR BARTON READ, *Scientific* 31 M. D., Hanna Hall
Salem
- JOHN FRANCIS SANT, *Scientific* S. D., Hanna Hall
East Liverpool
- WILFORD SEITZ, *Philosophical* 47 E. D., Old Kenyon
Sandusky

ARTHUR LESLIE SIDNELL, <i>Philosophical</i>	19 M. D., Hanna Hall Cuyahoga Falls
GLEN PRESTON VINSON, <i>Philosophical</i>	31 M. D., Hanna Hall Lima
HAROLD GRAHAM WALTON, <i>Scientific</i>	E. W., Old Kenyon Gambier
WALTER FRANK WRIGHT, <i>Scientific</i>	28 E. D., Old Kenyon Lima

FRESHMAN CLASS

JOHN WILLIAM ANGER, <i>Classical</i>	2 S. D., Hanna Hall Trenton
JOHN FALKNER ARNDT, <i>Classical</i>	18 N. D., Hanna Hall Germantown, Penna.
PAUL HUGHES AVES, <i>Scientific</i>	59 W. W., Old Kenyon Galveston, Texas
AARON CHARLES BENNETT, <i>Classical</i>	31 M. D., Hanna Hall Sharon, Penna.
WALTER BENNETT, <i>Scientific</i>	31 M. D., Hanna Hall Sharon, Penna.
JAMES FOSTER BRANCH, <i>Philosophical</i>	5 S. D., Hanna Hall Akron
ISAAC CURTIS BREWER, <i>Philosophical</i>	60 W. W., Old Kenyon Sandusky
WILLIAM HESS BURNETT, <i>Philosophical</i>	42 E. W., Old Kenyon Pittsburgh, Penna.
DAVID LEE CABLE, <i>Scientific</i>	6 E. D., Old Kenyon New Philadelphia
WILLIAM COTTON TYHURST DAVIS, <i>Philosophical</i>	15 W. D., Old Kenyon Youngstown
CARL FEENEY, <i>Scientific</i>	51 W. D., Old Kenyon Mt. Vernon
HOWARD GRANGER FISHACK, <i>Philosophical</i>	21 E. W., Old Kenyon Port Clinton
PHILLIPS BROOKS FRANKLIN, <i>Classical</i>	10 M. D., Old Kenyon St. Johnsbury, Vt.
LEO SANFORD GANTER, <i>Philosophical</i>	2 E. W., Old Kenyon Muncie, Ind.
CARL STANBERY GEIS, <i>Scientific</i>	21 S. D., Hanna Hall Zanesville
WILLIAM WALLACE GRAHAM, <i>Scientific</i>	2 S. D., Hanna Hall East Cleveland

ROBERT JOSHUA GUNN, <i>Philosophical</i>	45	E. D., Old Kenyon Toledo
AUGUSTUS RICHARD ELSON JONES, <i>Classical</i> ..	25	E. D., Old Kenyon Pittsburgh, Penna.
LESTER CARSON KILGORE, <i>Philosophical</i>	48	E. D., Old Kenyon St. Paul, Minn.
LOUIS DEAN KILGORE, <i>Philosophical</i>	50	E. D., Old Kenyon St. Paul, Minn.
LAD EDWARD KREJCI, <i>Philosophical</i>	28	E. D., Old Kenyon Cleveland
OSCAR ADAIR LASHLEY, <i>Scientific</i>	12	M. D., Hanna Hall Steubenville
EDWARD DAVIS MAIRE, <i>Philosophical</i>	41	E. W., Old Kenyon Grosse Pointe, Mich.
PAUL RUSSELL MAXWELL, <i>Classical</i>	5	S. D., Hanna Hall Mansfield
DONALD CHARLES MELL, <i>Philosophical</i>	5	S. D., Hanna Hall Akron
FRANK ROWLAND MELVILLE, <i>Scientific</i>	55	W. D., Old Kenyon Sandusky
HENRY RUBENS MOSSER, <i>Classical</i>	31	M. D., Old Kenyon Chicago, Ill.
ROBERT JAMES MURPHY, <i>Classical</i>	12	M. D., Old Kenyon Williston, N. Dak.
BERNARD CROMLEY NEWMAN, <i>Classical</i>	55	W. D., Old Kenyon Indiana, Penna.
JAMES OLDS, <i>Classical</i>	14	W. D., Old Kenyon Mt. Gilead
WILLIAM GALE PFLUM, <i>Philosophical</i>	27	E. D., Old Kenyon Dayton
FRANZ EDWARD PHILIP SCHNEIDER, <i>Philosophical</i>		
		Hartland, Wis. 27 M. D., Hanna Hall
JOHN GOODWIN SCHWARTZ, <i>Philosophical</i>	27	E. D., Old Kenyon Dayton
HERMAN SUKER SIDENER, <i>Philosophical</i>	12	M. D., Hanna Hall Steubenville
ERNEST VINCENT SIGGENS, <i>Scientific</i>	25	S. D., Hanna Hall Sandusky
WILLIAM JAMES STEWART, JR., <i>Scientific</i>	38	N. D., Hanna Hall Kansas City, Mo.

EVERETT BAILEY TAYLOR, <i>Philosophical</i>	13 N. D., Hanna Hall Miamisburg
LESLIE EARL TREAT, <i>Scientific</i>	37 N. D., Hanna Hall Cuyahoga Falls
JAMES LAWRENCE TUGMAN, <i>Philosophical</i> ...	33 W. D., Old Kenyon Mt. Washington
JOSEPH CURTIS WEAVER, JR., <i>Philosophical</i> ...	6 E. D., Old Kenyon Toledo
JACOB ARTHUR WELLER, <i>Scientific</i>	14 W. D., Old Kenyon Bucyrus
JOHN NUGEN WILKIN, <i>Scientific</i>	39 W. W., Old Kenyon Cleveland
RANDOLPH STOUGH YERXA, <i>Philosophical</i> ...	40 W. W., Old Kenyon Minneapolis, Minn.
GEORGE IKIRT ZOLLINGER, <i>Scientific</i>	34 W. D., Old Kenyon East Liverpool

SPECIAL STUDENTS

ORRIS NAPIER BERKEBILE.....	47 E. D., Old Kenyon Toledo
MAX GREGORY FRENCH.....	25 E. D., Old Kenyon Elyria
JOHN MAGNUS JERPE.....	47 E. D., Old Kenyon Norwalk
SHELLEY BRYANT JONES.....	40 W. W., Old Kenyon Marquette, Mich.
WILLIAM WALSH MCNEILL.....	27 E. D., Old Kenyon Dayton
YOSHIHARU MINEO, A.B.....	36 W. D., Old Kenyon Tokyo, Japan
JOSEPH EGLE MORROW.....	21 S. D., Hanna Hall Bellevue
EUGENE EDWIN NEALE, JR.....	59 W. W., Old Kenyon Wickliffe
HAROLD BERKELEY STEELE.....	5 S. D., Hanna Hall Mansfield
DICKSON HINELL WELLS.....	25 E. D., Old Kenyon Dayton

SUMMARY

Seniors	12
Juniors	27
Sophomores	22
Freshmen	44
Special Students	10
Total	115

THE EIGHTY-NINTH COMMENCEMENT

SUNDAY, JUNE 17

Morning Service—Sermon by the Rev. George P. Atwater, '95 A.B., '98 Bex., '99 A.M., Akron. Ordination to the Diaconate by the Bishop of Ohio.

Evening Service—Baccalaureate Sermon by the Rev. William F. Peirce, L.H.D., D.D., President of Kenyon College.

MONDAY, JUNE 18

COMMENCEMENT EXERCISES

CLASS ORATOR

ALEXANDER RANKIN MCKECHNIE, '17
St. Paul, Minn.

ALUMNI ORATOR

THE REV. ARTHUR DUMPER, '95 A.B., '00 Bex.
Dayton

HONOR MEN

CLARENCE VINCENT METCALF, *First*
CHARLES DAVID WILLIAMS, JR., *Second*
OWEN JEFFERSON MYERS, *Third*
JAMES WENDELL SOUTHARD, *Fourth*
FRANCIS BERTON SHANER, *Fifth*
ALEXANDER RANKIN MCKECHNIE, *Sixth*
PHILIP WOLCOTT TIMBERLAKE, *Seventh*
JAMES EDWIN CAMPBELL MEEKER, *Eighth*
LEROY WASHINGTON PILCHER, *Ninth*

DEGREES CONFERRED

JUNE 18, 1917

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WILLIAM CLINTON SEITZ, '15 A.B.

WALTER FREEMAN WHITMAN, A.B.

CERTIFICATES OF GRADUATION

(Without Hebrew)

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NATHANIEL RUE HIGH MOOR, '16 B.L.

ERIC MORRELL TASMAN, '14 B.S.

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FRANCIS BERTON SHANER

PHILIP WOLCOTT TIMBERLAKE

DONALD HUBERT WATTLEY

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THOMAS T. VAN SWEARINGEN, Seattle

KENYON COLLEGE HONOR ROLL

JANUARY, 1918

- Lafayette Abbott, '19, Aviation, Signal Corps.
Kenneth T. Adams, '12, Lieut., U.S.N.R., Navigating Officer.
Maurice B. Adams, '15, 1st Lieut., Inf., Camp Dodge, Iowa.
Oscar S. Adams, '96, 1st Lieut., Engineer Officers Reserve Corps.
Clarence James Ader, '17, Corporal, Motorized Heavy Artillery,
Camp Sheridan, Ala.
Donald G. Allen, '17, Pvt., Lakeside Hosp. Unit, Med. Reserve
Corps Genl. Hosp. No. 9, British Expeditionary Force in France.
Frank A. Allen, '20, Lieut., 4th Machine Gun Batt'n., 2nd Div.
Ray Dudley Avery, '09, Capt., 2nd Ohio Infantry.
Charles M. Aves, '04, Capt., Fort Bliss, Texas.
William L. Aves, '13, Pvt., Hdq. Co. 315 Eng., 90th Div.
Louis Bacon, '09, Capt., School of Fire, Camp Doniphan, Fort Sill,
Okla.
John H. Baird, '13, 1st Lieut., Med. Res. Corps, Baltimore, Md.
Guy W. Baker, Jr., '16, Pvt., Co. B, 4th Batt., 20th Eng., Camp Am.
Univ.
Rex J. Ballard, '16, 2nd Lieut., Inf., O.R.C., Camp Sherman, Ohio.
Harry C. Benson, '77, Colonel, and Acting Adj.-Genl., U.S.A., Dept.
of the Pacific, San Francisco, Calif.
H. McC. Billingsley, '04, Inf., Res. Off. Tr. Camp, Presidio, Calif.
William J. Bland, '10, Capt., Inf., O.R.C. (Acting Major) 356th
Inf., Camp Funston, Kans.
Robt. W. Blessing, '20, 2nd Lieut., U.S.A., Inf., Camp Green, N. Car.
John Dean Boylan, '13, 1st Lieut., M.R.C., U.S.A.
Timothy Whitlaw Bradley, '16, Aviation Corps, Urbana, Ill.
Geo. Louis Brain, '20, Seaman 1st Class, U.S.N.R.F. Class 4, Coast
Defense.
Carl Richard Brick, '18, Coxswain, U.S.N.R.F., Mexican Patrol.
Geo. T. Brister, '14, Pvt., Camp Sherman, Ohio.
Arthur L. Brown, '06, Pvt., Home Guards, C. Co., Cincinnati, Ohio.
Birch L. Brown, '16, 2nd Lieut., F.A., O.R.C., Camp Sherman, Ohio.
Chas. L. Browne, '07, 1st Lieut., Eng. R.C., now in France.
Walter C. Brucks, '16, Pvt., Inf., Camp Sherman, Ohio.
Emmanuel G. Brunner, '15, Mess Sergt., Co. A, 322 Mach. Gun
Batt.
The Rev. Bates G. Burt, '01, Y.M.C.A. War Work, Camp Custer,
Battle Creek, Mich.

- James H. Cable, '11, Pvt., 1st Class and Acting Corporal, Ambulance Co., No. 145, Camp Sheridan, Ala.
- Ray Callin, '17, Corporal, Co. A, 308th Regt., Eng., Camp Sherman, Ohio.
- Frank A. Carr, '15, Regt. Supply Sergt., 331st Inf., Supply Co., Camp Sherman, Ohio.
- F. A. Cartmell, '10, 2nd Lieut., 147th Inf., Camp Sheridan, Ala.
- Warren H. Catt, '18, Pvt. (for training as officer), Aviation sec. of Signal Corps.
- J. J. Chester, '19, Sergeant, Div. Hdq. Troop, 37th Div., Camp Sheridan, Ala.
- Fred G. Clark, '13, 1st Lieut., Ordnance Officers Reserve Corps.
- J. D. Clements, '17, 1st Officers Training Camp, Fort Benj. Harrison.
- Robert C. Cline, '16, M.R.C., Base Hospital No. 25.
- Eugene Close, '20, Ensign, U.S.N.R.F.C.
- Walter T. Collins, '03, Major of Inf., N.A., 158th Depot Brig., Camp Sherman, Ohio.
- Thomas Comstock, '20, Naval Aviation School, Akron.
- Audre B. Cook, '15, 1st Lieut., 330th Inf., Camp Sherman, Ohio.
- Warner D. Cook, '12, 1st Lieut., 329th Inf., Camp Sherman, Ohio.
- Frederick S. Cooper, '09, 1st Lieut., Amb. Co. 344, Sanitary, Rockford Arsenal, Ill.
- Warren S. Corning, '12, 1st Lieut., Base Sec. No. 1, P. O. 701, Am. Exped. Forces in France.
- Robert A. Craig, '17, Lieut., Inf., Camp Sherman, Ohio.
- Clan Crawford, '13, 1st Lieut., Camp Dix, N. J.
- The Rev. O. F. Crawford, '13, B.D., Lieut. of Inf., N.A.
- Frederick Reid Cross, '17, 1st Lieut., F.A., Fort Oglethorpe, Ga.
- Leland H. Danforth, '18, 1st Lieut., Inf. (Co. H, 344th Inf.) Camp Grant, Ill.
- Samuel J. Davies, '17, Ensign, U.S.N.
- Elrick B. Davis, '17, Corporal, Company Clerk, Co. E, 52nd Inf., R.A., Chattanooga, Tenn.
- Trayton H. Davis, '18, Pvt., M.R.C., Base Hospital No. 22.
- Alfred Day, Jr., 2nd Lieut., Machine Gun Batt., Co. B, 134th, Camp Sheridan, Ala.
- Ernest C. Dempsey, '12, 1st Lieut., 323rd L.A., Camp Sherman, Ohio.
- Henry S. Downe, '18, Asst. Paymaster (Ensign), U.S.N.R.F., Boston, Mass.
- Leonard S. Downe, '09, 1st Illinois Artillery, Houston, Texas.

- Ernest A. Duncan, M.D., '06, Capt., Med. Res. Corps, Camp Cody, Deming, N. Mex.
- Harry A. Dunn, '12, 1st Lieut., 330th Inf., Camp Sherman, Ohio.
- Wilbur V. Dunn, '17, Sergt., F.A., Mexican border, Dec., 1917.
- Wm. Kenneth Edwards, '19, 37th Headquarters Troop, Camp Sheridan, Ala.
- Thomas Thorpe Ellsworth, '18, Seaman 2nd Class, Naval Flying Corps, Boston, Mass.
- *Walter H. Endle, '17, Supply Sergt., 329th Regt., N.A. *Died, Dec. 8, 1917.*
- Carl L. Erb, '17, 2nd Lieut., 332nd Inf.
- W. W. Faben, '18, Pvt., 329th Inf., Camp Sherman, Ohio.
- Arthur Douglass Farquhar, '10, Aviation Corps in Italy.
- Thomas L. Ferenbaugh, M.D., '05, (Capt.?) Army Surgeon.
- Edson W. Forker, '16, Seaman 2nd Class, N.R.F., Cape May, N. J.
- The Rev. Abner L. Fraser, '80, Chaplain, 4th Ohio Natl. Guard.
- Hume M. Fraser, '17, Hospital Guard, Ohio Natl. Guard.
- Robert Miller Fulwider, M.D., '08, 1st Lieut., M.O.R.C., Base Hospital, Camp Sherman, Ohio.
- Paul Gaines, '16, (branch of service unreported).
- William H. Galberach, '18, Corporal, Co. F, 329th Regt., Camp Sherman, Ohio.
- Lewis C. Gilger, '15, Am. Army Ambulance, French Div. now at the front in France.
- William Carroll Gilger, '17, American Army Ambulance, French Div., at the front in France.
- Raymond C. Gillette, '11, Washington Coast Artillery, (moved to Seattle, new application pending).
- Roy DesForges Gillon, '15, 1st Lieut., U.S.N.G., 148th Inf., 74 Brig., 37th Div., Camp Sheridan, Ala.
- Wiley W. Glass, '13, 1st Lieut., 317th Regt., Inf., Camp Lee, Va.
- Guy D. Goff, '88, Major, U.S.A., Judge Advocate General.
- Alan G. Goldsmith, '11, Capt., Inf., U.S.R., Div. Hdq., Camp Sherman, Ohio.
- Jas. R. Goodwin, '17, 1st Class Pvt., Aviation Corps, Hempstead, New York.
- W. S. Gordon, '19, 2nd Lieut., Inf., Camp Sherman, Ohio.
- Alfred H. Granger, '87, Capt., Eng., now in France.
- Harold H. Green, '20, American Red Cross Transport Service in France.
- John W. Gregg, '18, Ordnance Sergt., Ordnance Dept., Camp McClellan, Ala.

J. Ashton Gregg, '14, Artillery School, Fontainebleau, France, in preparation for French Army.

Frank H. Gunn, '19, Pvt., 1st Class, Field Artillery, Battery B, 135th, Camp Sheridan, Ala.

Charles S. Hamilton, M.D., '83, Major, Med. Corps.

Herbert S. Hamilton, '17, in training, Ordnance Dept., University of Pennsylvania.

Herbert S. Harkness, '19, Pvt., 15th W. S. Engineers, now in France.

George Shaw Harrison, '19, Quartermaster, 3rd Class, U.S.N.R.F, Portsmouth, N. H.

Richard R. Harter, '12, 2nd Lieut., Co. G, 332nd Regt. Inf., Camp Sherman, Ohio.

Roy Heck, '19, in training for Aviation, Fort Thomas, Ky.

G. M. Herringshaw, '16, Capt., Cavalry, R.A., Fort Bliss, Texas.

Dana E. Hill, '17, 2nd Lieut., Ordnance Dept., N.A.

Paul A. Holt, '17, Sergt., Inf., Camp Sherman, Ohio.

Norman R. Holzaepfel, '12, 1st Lieut., U.S.A.

Wylie C. Iliff, '08, 2nd Training Camp, Presidio, San Francisco, Calif.

Emmett J. Jackson, '09, Capt., Am. Tn. 308, Camp Sherman, Ohio.

Carl Gilbert James, '20, Lieut., with detachment of U.S. Marines, Island of Haiti.

Bernard L. Jefferson, '08, 2nd Lieut., Inf., Section, O.R.C., 22nd Co., 6th Bn., 158th Training Brigade, Camp Sherman, Ohio.

William S. Jenkins, Jr., '14, Capt., 86th Div., F.A.O.R.C., Camp Grant, Ill.

H. Stanley Johnson, '13, Lieut., 151st F.A., 42nd Div., A.E.F., France.

Homer W. Johnston, '17, Aviation Corps, probably in France.

B. F. Jones, '06, Pvt., Co. D, 23rd Eng., Camp Meade, Md.

Charles Carson Jordan, '18, 2nd Lieut., 322nd F.A., N.A., Camp Sherman, Ohio.

Carl E. Kerber, '20, Sergt., Inf., Camp Sherman, Ohio.

Charles E. Kinder, '16, Volunteer, French Camion, now in France.

William R. Kinder, '14, Volunteer, French Camion, now in France.

Arthur S. King, '16, F.A., 112th Ammunition Train, Camp Sheridan, Ala.

M. Curtis Kinney, '10, Lieut., Aviation Dept., British Army.

William Henry Kite, Jr., '09, 1st Lieut., 330th Inf., Camp Sherman, Ohio.

John Marshall Knox, '20, In Training, Radio Works, Great Lakes Naval Sta., Chicago.

Cecil Perry Krieg, '13, Aviation Service, O.R.

- Irvin J. Koehnlne, '13, 1st Lieut., 324th Regt., Heavy F.A., Camp Sherman, Ohio.
- Alfred Leigh Langtry, '14, Seaman, 2nd Class, U.S. Naval Reserve Service
- John Larcomb, '16, in training for Ordnance Dept.
- Keith Francis Lawrence, '12, 1st Training Camp, Fort Benjamin Harrison.
- Laurel Joseph Leake, '18, Sergt., Med. Dept., 305th Field Hosp., 302nd Sanitary Train, Camp Upton, Long Island, N. Y.
- William Wood Leonard, '18, Pvt., Med. Sec. U. of P. Unit, Expeditionary forces in France.
- Addison C. Lewis, '18, 2nd Lieut., Inf. O.R.C., Camp Sherman, Ohio.
- Morris V. Liepman, '19 (Sergt.?) Battery D, 1st Kans. F.A.
- Wendell C. Love, '19, Aviation Section.
- C. C. Lowry, '18, Seaman, U.S.N.R., overseas.
- Kenneth F. Luthy, '08, Royal Flying Corps, British Army.
- Malcolm I. MacGregor, '18, Pvt., Co. A, Machine Gun Bn., 328th, Regt., Camp Custer, Battle Creek, Mich.
- Geo. H. MacNish, '03, Officers Training Camp, Fort Niagara, N. Y.
- Clitus H. Marvin, Jr., '11, 2nd Lieut., F.A.
- David T. Matthews, '20, Pvt., Artillery, Camp Sheridan, Ala.
- Edwin P. Matthews, Jr., '18, 2nd Lieut., H Co., 148 W.S. Inf., Camp Sheridan, Ala.
- Fitch-James Matthews, '13, 2nd Lieut., Inf., 7th Training Batt., Camp Sherman, Ohio.
- Matthew F. Maury, '04, U.S.N.R.F., Special duty, 4th Naval Dist.
- Pierre B. McBride, '18, Co. A, 112th U.S. Engineers, Camp Sheridan, Ala.
- Lawrence K. McCafferty, '12, Lieut., Med. Corps, Washington, D. C.
- Lloyd L. McCartney, '20, Seaman, U.S.N.R.F.
- Charles F. McGuire, Jr., '19, 1st Sergt., Sec. 508, U.S.A. Ambulance Service, Allentown, Penna.
- Alexander R. McKechnie, '17, Pvt. and Acting Corp., Co. M, 59th Inf., Camp Greene, N. Car.
- J. E. Campbell Meeker, '17, 2nd Lieut., Camp Sheridan, Ala.
- Douglas Grant Meldrum, '18, 1st Lieut., Inf., 158 Depot Brig., Camp Sherman, Ohio.
- Robert Clarkson Millsbaugh, '11, 2nd Lieut., Inf., U.S.R., orders to France.
- Winston V. Morrow, '08, Pvt., 308th Ammunition Train, 83 Div., N.A., Camp Sherman, Ohio.
- R. E. Morton, '16, Ensign (Asst. Paymaster), U.S. Naval Reserve.

- Milton George Nicola, '17, Ambulance driver in France, T.M.U., 526 Par. B.C.M., Paris, France.
- Dwight O'Ferrall, '14, Corporal, Quartermaster's Corps, First Expeditionary Force in France.
- Edward O'Rourke, Jr., '17, 1st Lieut., Camp Shelby, Hattiesburg, Miss.
- Edward M. Peake, '11, Capt., Inf., Camp McClellan, Ala.
- Charles G. Penny, '64, Brig.-Genl., U.S.A., Retd.
- Herbert Towle Perrin, '16, Lieut., 36th Inf., U. S. A. Co. N, 5th Provisional Officers Battalion, Fort Leavenworth, Kansas.
- Clarence V. Platt, '17, Pvt., Ordnance Depot Co., No. 3.
- H. B. C. Plimpton, '84, Capt., Ordnance, in Bureau of Purchasing, New York City.
- Wilbur Everett Postle, '19, 2nd Class Seaman, U.S. Naval Flying Corps.
- W. C. Presley, '20, Quartermaster 3rd, Naval Auxiliary Reserve.
- Herbert B. Puffer, '19, Pvt., Stores Course, Rock Is. Arsenal, Ill.
- Robert L. Queisser, Jr., '16, 1st Lieut., 145th U.S. Inf. (5th Ohio) Asst. Recruiting Officer, Cleveland, Ohio.
- A. A. Remy, '18, 1st Training Camp, Fort Benjamin Harrison.
- Jesse P. Reeves, '91, Capt., Aviation Sec., Signal Off. Res. Corps.
- Carl B. Rettig, '14, 2nd Lieut., 82 F.A., Houston, Texas.
- Karl Ricketts, '05, Lieut., Engineers, Aviation Dept., Signal Corps, Garden City, Long Island.
- Walter E. Ridenour, '11, 2nd Lieut., Av. Sec., O.R.C.
- Richard Parker Rifenberick, '94, Colonel, U.S.A., care of the Adj.-Genl., Washington, D. C.
- Stephen Geiger Rockwell, '13, Graduate U.S. Navy, Annapolis, Md.
- A. Perkins Roe, '15, 2nd Lieut., Camp Sherman, Ohio.
- A. B. C. Rowe, '19, Pvt., M.E.R.E., Base Hospital No. 25.
- Paul G. Russell, '14, Line Sergt., Inf., Camp Sherman, Ohio.
- Lecky Harper Russell, '11, 1st Lieut., 146th Field Hosp., Camp Sherman, Ohio.
- Wm. Cooper Russell, '08, 1st Lieut., 146th Field Hospital, Med. Off. Res. Corps.
- Arthur L. Sackett, '10, 1st Lieut., F.A., 322 Md., N.A., Camp Sherman, Ohio.
- Robert H. Sanborn, '18, Sergt., 112th Regt., U.S. Eng., Camp Sheridan, Ala.
- George A. Sanford, '07, Capt., Inf., R.A., Columbus Barracks, Ohio.
- *William W. Sant, '14, Military Organization, Y.M.C.A., British Army in Egypt. *Died in Egyptian Military Hospital, June 23, 1917.*

- Allen D. Sapp, '18, Pvt., O.E.C.N.A., Rock Island Arsenal, Ill.
James Atlee Schaofer, '17, Ordnance Sergt., Augusta Arsenal, Ga.
Edward R. Seese, '17, Corporal, Co. C, 313th Eng., N.A., Fort Leavenworth, Kans. (or Camp Dodge, Iowa).
Frank Shoffstall, Jr., '17, Pvt., 1st Class, Aviation Sec., Signal Off. Res. Corps.
Kingdon T. Siddall, '11, Capt., 136th M.G. Bn., Camp Sheridan, Ala.
James Madison Smith, M.D., '05, 1st Lieut., M.R.C.
William Philip Smith, '20, U.S. Naval Corps.
J. Wendell Southard, '17, Asst. Paymaster (Ensign), U.S. Naval Reserve.
Constant Southworth, '98, Capt., Inf., N.A., Camp Sherman, Ohio.
John D. Southworth, '11, Medical Unit in France.
Rufus Southworth, '00, Capt., Med. Res. Corps, Base Hosp. No. 25, Fort Oglethorpe, Ga.
Wm. Thurman Sprague, '13, Gas Defense Service, Washington, D. C.
Henry Stanbery, '96, 1st Lieut., O.M.R.C., Base Hosp., Camp Sherman, Ohio.
Harold B. Steele, '21, Aviation, Signal Corps, San Antonio, Texas.
Rollo W. Stevens, '19, in training for Aviation. *Died January 18, 1918.*
Frank H. Stewart, '17, Aviation.
George W. Stober, '16, Medical Enlisted Reserve Corps.
The Rev. Gilbert P. Symons, '07, War Work in English Prisons.
Matthew B. Tayler, Jr., '14, 2nd Lieut., Inf., U.S.A.
Alfred Kingsley Taylor, '06, 1st Lieut., Machine Gun Co., 307th Inf., N.A., Camp Upton, L. I., N. Y.
Arthur S. Thompson, '08, 1st Lieut., 324th Heavy F.A., Camp Sherman, Ohio.
Joe R. Thompson, '20, Med. Corps, Long Island, N. Y.
William Laban Thompson, '14, Lieut., Camp Sherman, Ohio.
Edwin W. Thorn, '19, 2nd Lieut., Inf., Hdqrs. Co. 331st Inf., Camp Sherman, Ohio.
Robert A. Thurstin, '10, 1st Lieut., 308th Eng., Camp Sherman, Ohio.
Robt. M. Tilden, '18, 2nd Lieut., Inf., Camp Sherman, Ohio.
Harold Tillinghast, '10, 135th L.A., Camp Sheridan, Ala.
James S. Todd, '18, Chief Petty Officer, N. Y. Naval Militia.
J. Stafford Trottmann, '16, 1st Class Yeoman, U.S.N.R.F.
Philip E. Twigg, '17, Sergt., Base Hosp. No. 23, American Expeditionary Forces, somewhere in France.
Charles Edward Upson, '07, 2nd Lieut.
Donald Hubert Wattley, '17, Seaman, 2nd Class, Great Lakes, Ill.

- The Rev. Wallace H. Watts, '00, Army Chaplain, 9th Inf., Laredo, Texas.
- Joseph Curtis Weaver, Jr., '21, Ohio Natl. Guard.
- Edwin C. Welch, '17, Ensign, U.S.S. Chicago, Flagship Atlantic, Submarine Force.
- Griswold B. Werner, '19, Seaman, U.S.N.R.F.
- John Adams Wickham, '13, Capt. Commanding 9th Co., 3rd Tr. Bn., Dep. Brig., Camp Devens, Mass.
- A. Blakeslee White, Jr., '10, 1st Lieut., Ordnance Off. Res. Corps, U.S. Govt. Storekeeper, Morgan Engineering Co., Alliance, Ohio.
- Dale White, '19, Ensign, Naval Aviation Detachment, Goodyear Tire & Rubber Co., Akron, Ohio.
- Alfred Brooke Williams, '20, U.S. Naval Reserve.
- Charles D. Williams, Jr., '17, Flight Ensign, Naval Aviation Detachment, Akron, Ohio.
- Atlee Wise, '17, Corporal, Artillery, 134th Regt., Camp Sheridan, Ala.
- Mark Wiseman, '10, 1st Lieut., Sanitary Corps, U. S. N. A., Camp Dix.
- Robert C. Wiseman, '13, 2nd Lieut., 507th Service Battalion, *en route to France*
- Earl M. Wood, '18, Reg. Supply Sergt., 329th Inf.
- Howard B. Wright, '02, Ordnance Dept., Washington, D. C.
- Walter Wright, '20, Seaman, U.S.N.C.R.D.
- Donald Worthington, '17, 1st Class Pvt., Field Hosp., Camp Sherman, Ohio.
- Thomas E. Yerxa, '19, 1st Class Petty Officer, Machinist's Mate, now at Aviation School, Minneapolis, Minn.
- Frederick P. Young, '19, in France with Rainbow Division.
- Roy Zeman, '20, Sergt., 112th U.S. Engineers, Camp Sheridan, Ala.
- Fred H. Zinn, K.M.A., Major of Inf., Commanding 9th Training Battalion, Camp Sherman, Ohio.

Total number of men reported in service 222

PUBLICATIONS

The Kenyon College Bulletin is issued quarterly by the College. Numbers include catalogues of the collegiate and theological departments, alumni address lists and accounts of proceedings at Commencement. Copies may be obtained on addressing the office of the President.

The Kenyon Book, edited by the late President of Kenyon College, the Rev. William B. Bodine, D.D. This octavo volume of over 400 pages contains a large amount of interesting and important historical matter and is illustrated with numerous views. Copies can be obtained on remitting \$1.50 to the Treasurer of Kenyon College.

Songs of Kenyon. Alfred K. Taylor, '06, Editor. This volume contains about 150 songs distinctive of Kenyon College, most of which were composed by Kenyon men. This book is handsomely gotten up and contains a number of attractive views of the College buildings. Copies can be obtained on remitting \$2.00 to the Treasurer of Kenyon College.

The Reveille, is the annual publication of the student body. The business manager of the '18 Annual is Carter S. Miller, '19.

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1918 -:- 1919



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1918 - 1919



GAMBIER OHIO
PUBLISHED BY THE COLLEGE
1919

Calendar 1919

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COLLEGE CALENDAR**1918-1919****FIRST QUARTER****Students' Army Training Corps**

- Sept. 30—Monday Registration of new students. Ascension Hall, 2 P. M. College opens with Evening Prayer at 5.
- Oct. 1—Tuesday Military authority assumes control.
- Dec. 14—Saturday Demobilization.

WINTER TERM

- Jan. 3—Monday Term begins with Morning Prayer at 7:45.
- March 5—Wednesday ...Ash-Wednesday.
- March 15—Saturday Term examinations begin.
- March 20—Thursday Term ends.

SPRING TERM

- March 21—Friday.....Term begins with Morning Prayer at 7:45. Matriculation.
- April 17—Thursday Easter Recess begins.
- April 24—Thursday College opens with Morning Prayer at 7:45.
- June 9—Monday Term examinations begin.
- June 16—Monday Ninety-first Commencement.

1919-1920**FIRST SEMESTER**

- Sept. 17—Wednesday ...Registration of new students, Ascension Hall, 2 P. M. College opens with Evening Prayer at 5.
- Sept. 30—Tuesday Bexley Hall opens.
- Nov. 1—Saturday All Saints' Day. Founders' Day.
- Nov. 24-26—Mon.-Wed..Mid-semester examinations.
- Nov. 27-30—Thurs.-Sun.Thanksgiving Recess.
- Dec. 21—Sunday.....Christmas Recess begins.
- Jan. 5—Monday College opens with Morning Prayer at 7:45.
- Jan. 28—Wednesday...Semester examinations begin.
- Feb. 2—Monday First Semester ends.

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ORGANIZATION

The institution now known as Kenyon College was incorporated December 29, 1824, under the title of "The Theological Seminary of the Protestant Episcopal Church in the Diocese of Ohio.'" By a supplementary act of the Legislature, the president and professors of the seminary were empowered to act as the faculty of the college and confer degrees in the arts and sciences.

The original funds for the institution were secured in England in 1823-24 by the Right Rev. Philander Chase, first Bishop of the Episcopal Church in the Northwest territory, two of the principal donors being Lord Kenyon and Lord Gambier. The first students were received at the Bishop's house in Worthington, Ohio, in 1824, and the first constitution was approved by the Convention of the Diocese of Ohio on November 27 of the same year. In 1826, two quarter sections of the United States military lands were secured in Knox County. Building was begun in the following year. The first degrees were conferred under date of September 9, 1829.

In 1891 the corporate title was changed to Kenyon College, the name by which the institution had always been known. The Bishops of Ohio and Southern Ohio preside over the Board of Trustees in alternate years.

SITE

Gambier, the seat of Kenyon College, is a village of about five hundred inhabitants, on the Cleveland, Akron and Columbus Railroad, a little east of the cen-

ter of the State of Ohio, fifty miles from Columbus, five miles from Mt. Vernon and one hundred and twenty miles from Cleveland. The altitude is nearly eleven hundred feet and the site was chosen by Bishop Chase after careful investigation, for natural beauty and healthfulness of climate. The plateau on which the College and village are situated rises about two hundred feet above the valley of the Kokosing river, which flows around it on three sides.

GROUNDS AND BUILDINGS

The original domain of the College comprises about four thousand acres, being a quarter township of the United States Military Reservation of 1795 in Central and Eastern Ohio. Of this domain the College still holds about three hundred and fifty acres including several tracts of woodland. The Ohio Department of Forestry has recently undertaken to develop these forest lands as an exhibit of modern methods of tree culture. Minute surveys have been made and an extensive nursery has been established. Expert supervision is given by the Department to all work that is done on the College domain and it is hoped that in the future the College lands can be used for demonstration in connection with formal courses in forestry.

As Gambier Hill projects into the valley, the College Park commands an extensive view of the fertile, smiling valley of the Kokosing with a background of cultivated hills. The natural charm has been much enhanced by the tasteful arrangement of the grounds. In the Park, which contains over ninety acres and many old forest trees, pains have been taken to combine the effects of lawn and woodland. On this extensive tract the building sites have been carefully

selected, and the broad Middle Path which connects Old Kenyon with Bexley Hall is two-thirds of a mile long.

The College buildings comprise the dormitories, Old Kenyon (1827) and Hanna Hall (1902); Ascension Hall (1859), the recitation and laboratory building; Rosse Hall (1831, rebuilt 1899), the gymnasium and assembly room; the Alumni Library (1910), with which is connected the Stephens Stack Room (1902); the Church of the Holy Spirit (1869), the chapel; Bexley Hall (1839), the theological seminary; Colburn Hall (1904), the theological library; "Cromwell Cottage" (1913), the President's House; "Kokosing" (1865), the stone mansion built by Bishop Bedell, standing in its own extensive park; and various other buildings.

Old Kenyon

Old Kenyon, the cornerstone of which was laid in 1827, is a massive Gothic structure of local sandstone. It is one hundred and sixty feet long, three stories high, with solid stone walls four and one-half feet thick at the basement story. The roof carries battlements and pinnacles and is surmounted by a spire one hundred and ten feet high containing the old College Bell. By an Alumni subscription the bell was recently recast at the Meneely Foundry.

In 1907 Old Kenyon was completely rebuilt on the interior at an expense of over \$75,000, the external appearance remaining unchanged. The walls and roofs were thoroughly repaired and in part rebuilt with the best and most permanent materials so that the building is now unexcelled among college dormitories for strength, comfort and beauty.

Old Kenyon contains rooms for between eighty and ninety students. The interior finish is of Flemish oak of handsome grain with wainscoting in the halls. The staircases have Gothic newel posts and birch hand rails. At all the windows are placed broad window seats of solid oak which cover the steam radiators. Rather more than one-half of the rooms are arranged in suites. The plumbing and heating systems are of the best and most modern type.

Hanna Hall

This dormitory was opened to students in December, 1903. The building is of gray Cleveland sandstone, in Collegiate Gothic style. It is two stories high with gables, measures one hundred and thirty feet long by fifty feet deep, and houses about fifty students. The building is constructed throughout in the best and most substantial way.

The doors and window casings and the wainscoting are of Flemish oak, and the floors of polished hardwood. Heat is furnished by steam boilers. Running water is supplied in every bed-room. In comfort and in elegance of appointment the building has no superior among college dormitories.

Hanna Hall was built in honor of his wife by the late Marcus A. Hanna, United States Senator from Ohio, at a cost of over \$65,000. Charles F. Schweinfurth, of Cleveland, was the architect.

Ascension Hall

Ascension Hall is a stately Collegiate Tudor building of reddish-gray freestone, one hundred and thirty feet long and three stories high. Members of the Church of the Ascension, New York, provided for its construc-

tion in honor of their former rector, Bishop Bedell. It contains the lecture and recitation rooms, the physical, chemical and biological laboratories and workshops, the halls for literary societies, and the offices of the President and Treasurer. The battlemented tower of the building serves as the astronomical observatory. A steam heating plant given by Samuel Mather of Cleveland is installed in the basement and provides for both Ascension and Rosse Halls.

College Chapel

The Church of the Holy Spirit, the College Chapel, was built in 1869, by the Church of the Ascension, New York, as a tribute to their former rector, Bishop Bedell. It is a cruciform edifice of Early English architecture and is built of freestone in courses, with dressed quoins and facings. The nave and chancel are ninety feet, the transepts eighty feet in length. Ivy, transplanted from Melrose Abbey, covers the walls.

The interior of the church is finished in oak, the walls are tastefully illuminated, and all the windows are of stained glass. The organ is a memorial to Bishop McIlvaine, and a mural tablet, erected by the Diocese of Ohio, commemorates the founder of Kenyon College, the Rt. Rev. Philander Chase.

In the church tower is the College clock and a set of nine bells, together with a mechanism which rings the Westminster chimes at the quarter hours.

By the will of the late Mrs. Bedell a fund was established for keeping the church and Kokosing in repair.

Library and Stack Room

Hubbard Hall, the first library building, was burned January first, 1910, but the adjacent stack-room saved the mass of the library. On its site has been built the

spacious and beautiful Alumni Library at a cost of about \$50,000. The principal donors are the Alumni of the College and David Z. Norton, Esquire, of Cleveland, who has given the Reading Room.

In construction the Alumni Library is practically fireproof—floors, partitions and staircases being built of steel and tile. Glenmont sandstone in broken courses with trimmings of Cleveland cut stone forms the exterior walls. Besides working rooms for the Librarian, the Library contains a spacious periodical room, a hall of meeting for the Faculty and Trustees, and two Seminar rooms for class instruction. Built as a part of the Alumni Library is a superb Gothic Reading Room patterned after an English College hall, with stone-mullioned Tudor windows filled with leaded opalescent glass, and with a lofty ceiling carried by richly carved beams and trusses. In honor of the donor, this structure is called Norton Hall.

The books are housed in the Stephens Stack Room, a gift of the late James P. Stephens, '59, of Trenton, N. J. The construction is strictly fireproof, stone, brick, steel, and glass being the only materials used in the building. It provides space for about 50,000 volumes.

The library of 27,500 volumes is catalogued according to the Dewey system and is open throughout the day and evening. The books are unusually well chosen and form an admirable working library for undergraduate students. In history, in biography, and in English, French, and German literature the collections are good, and the mathematical department contains the library of the late John N. Lewis of Mt. Vernon, which consists of some 1,200 volumes. Accessions are made on the recommendations of the several professors.

The purchase of new books is provided for by several endowments. The Hoffman fund was established by Frank E. Richmond, Esq., of Providence, R. I., for the purchase of new books. In 1901 the James P. Stephens Library Fund of about \$18,000 was founded by James P. Stephens, '59, of Trenton, N. J. By the wish of the donor a considerable part of the income will for the present be devoted to the purchase of classical works in other languages than English. The Klock Fund is devoted to the purchase of books for the Department of English and the Vaughn Fund to the binding of periodicals.

The reading room receives the leading American and English periodicals, and ten or twelve French and German reviews, and is open to students during the library hours.

An additional library of 12,000 volumes, chiefly theological, is housed in Colburn Hall.

Gymnasium

Rosse Hall, the gymnasium and assembly room, is an Ionic structure of sandstone about one hundred by seventy-five feet. Built in 1831 as the College Chapel it was burned in 1897. The reconstruction was provided for by James P. Stephens, Mrs. Julia T. Bedell and other donors, and especially by "The William and Mary Simpson Memorial Fund" given by Mrs. Mary A. Simpson of Sandusky. To the restoration was also applied a bequest of five thousand dollars from Senator John Sherman. The principal hall serves as a gymnasium and assembly hall, and is provided with gymnastic apparatus presented by the Alumni. Shower baths and dressing rooms with all-steel lockers are supplied in the basement, which also contains a baseball cage.

The athletic grounds are spacious and pleasantly situated. The baseball and football fields lie at the foot of the College hill, where the shaded hillside provides a natural grandstand. The tennis courts near Old Kenyon are excellent. There is a quarter-mile cinder track, and the facilities for general field sport are good.

The Kenyon College Rifle Club, a member of the National Rifle Association, under control of the Board for the Promotion of Rifle Practice of the War Department, maintains two twenty-five yard ranges in the basement for the use of members practicing with .22 rifles and pistols. All students are eligible to membership, the dues being merely nominal. The out-door range of the Club, where members qualify as marksman, sharpshooter and expert with the Krag rifle at 200, 300, 500 and 600 yards, is within easy walking distance. Weather permitting, practice is held on this range on Wednesday and Saturday afternoons in the spring and fall. All scores are recorded, and certified copies may be obtained by members desiring to enter the Service.

Laboratories

The north end of Ascension Hall, comprising eighteen rooms, is given up to the physical, chemical and biological laboratories. The Bowler Fund makes provision for accessions of apparatus and books.

The Chemical Laboratory occupies eight rooms in addition to the lecture and preparation rooms and museum. The laboratory in general chemistry has been enlarged and now accommodates sixty students. The laboratories for work in qualitative and quantitative analysis and organic chemistry are smaller but well equipped. There are hoods and balances, with ample store room facilities, and the stock of chemicals and

apparatus has been made adequate for work in general, analytical and organic chemistry, including chemical preparations. This laboratory has its own library of four hundred volumes, including standard reference works in several languages, and files of the leading chemical journals. An excellent collection of typical minerals is provided, the latest addition being "The Ratcliff Memorial Collection," the gift of Mr. B. W. Ratcliff of Waukon, Iowa.

The Physical Laboratory, which occupies a part of the first floor and basement of Ascension Hall, is well equipped for experimental work both in the laboratory proper and the lecture room, and during the past term a special photometric room has been fitted up. High grade apparatus is being added continually so as to facilitate as much as possible qualitative class room demonstrations, and in the laboratory, the attainment of precision in measurements. Of the present equipment of the department may be mentioned its electric power plant, which furnishes light for the laboratories and current for experimental work. This outfit consists of a 14 H. P. gas engine, a $7\frac{1}{2}$ K. W. generator, an 80 ampere-hour storage battery of 56 cells, and an elaborate battery distributing switchboard. Alternating current is available from a separate motor generator set.

Other pieces of apparatus worthy of notice are: A 29-inch spark induction coil with its accessories for X-ray work, a large Tesla high tension transformer, a 30,000-pound Riehlé machine for testing the strength of materials, and a large number of measuring instruments for use in the study of nearly every branch of Physics.

Owing to the war, the wireless set erected two years ago by the students in the course in Radio Communication, is at present dismantled. It will be reassembled as soon as permitted by the War Department.

Several physical journals are taken, and kept on file, and a number of the most recent books on various physical subjects are being added to the general library each year. These have been so selected as to furnish ample material for collateral reading and thesis work.

The Biological Laboratory occupies rooms on the third floor of Ascension Hall. The main room is well lighted from above and contains sixteen Bausch and Lomb compound microscopes, sixteen dissecting microscopes, paraffine bath, incubator, sterilizers and Minot rotary and automatic precision microtomes. Desks and lockers are provided for twenty students.

The department has its own working library, consisting of standard reference books in English, German and French, while additional books needed for advanced work are procured from the Boston Society of Natural History or from university libraries.

MATHEMATICAL INSTRUMENTS

The observatory has a telescope of five and one-fourth inches aperture, the object glass of which was made by Alvan Clark & Son. It is also supplied with a transit of two inches aperture and a sidereal clock. The Department of Astronomy owns a set of Trouvelot astronomical drawings.

The income of the Delano Astronomical Fund is used for the observatory.

For the use of students in surveying, the Department of Mathematics possesses an excellent transit, Y level, plane table, draughting machine, and compass, with the necessary appurtenances.

THE BEDELL LECTURESHIP

A fund of five thousand dollars established by Bishop and Mrs. Bedell provides for biennial lectures on the Evidences of Natural and Revealed Religion, or the Relation of Science to Religion. These lectures are given every second year on Founders' Day, which is celebrated on the Festival of All Saints. The publication of the lectures is provided for.

The following lectures have been delivered:

The Rt. Rev. John Williams, D.D., LL.D., "The World's Witness to Christ." 1881.

The Rt. Rev. Henry Cotterell, D.D., "Revealed Religion in Its Relation to the Moral Being of God." 1883.

The Rt. Rev. Hugh Miller Thompson, D.D., "The World and the Logos." 1885.

The Rev. James McCosh, S.T.D., LL.D., "The Religious Aspect of Evolution." 1887.

The Rev. David H. Greer, D.D., "The Historical Christ, the Moral Power of History." 1889.

The Rt. Rev. Arthur Cleveland Coxe, D.D., LL.D., "Holy Writ and Modern Thought." 1891.

The Rt. Rev. William A. Leonard, D.D., "The Witness of the American Church to Pure Christianity." 1893.

The Rt. Rev. Boyd Vincent, D.D., "God and Prayer; the Reasonableness of Prayer." 1895.

The Rev. William Reed Huntington, D.D., "A National Church." 1897.

The Rev. Morgan Dix, D.D., D.C.L., "The Supernatural Character of the Christian Religion." 1899.

The Rt. Rev. Henry C. Potter, D.D., D.C.L., "Man, Men, and Their Master." 1901.

The Rt. Rev. William Crosswell Doane, D.D., "Evidence, Experience, Influence." 1903.

The Rt. Rev. Arthur C. A. Hall, D.D., "The Relations of Faith and Life." 1905.

The Rt. Rev. Thomas F. Gailor, D.D., Bishop of Tennessee, "The Christian Church and Education." 1909.

The Rev. George F. Smythe, D.D., "The Shepherd of Israel: A Contribution to the Evidences of Revealed Religion." 1911.

The Rev. George Hodges, D.D., Dean of the Cambridge Divinity School, "The Church in the Fourth Century." 1913.

The Rev. W. H. P. Faunce, D.D., President of Brown University, "The Enlarging Horizon of Church and State." 1917.

THE LARWILL LECTURESHIP

This fund of ten thousand dollars is the gift of Joseph H. Larwill, Esq., of the class of 1855. The income is available for occasional lectures or for courses of lectures on subjects of general interest. The Founder desires that at least every third year a lecture or a course of lectures, philosophical in tone, shall be delivered on one of these great subjects: "What can I know? What ought I to do? For what can I hope?"

At the discretion of the College Faculty, lectures delivered on the Foundation may be published.

Among the recent occasional lecturers on this Foundation have been Professor Brander Matthews of Columbia University; Hamilton Holt, managing editor of the New York *Independent*; Dr. Svante Arrhenius, of the University of Stockholm; Professor Anatole Lebraz, of the University of Rennes; The Rev. Dr. Reginald J. Campbell, Birmingham, Eng.; Dr. Talcott Williams, Dean of the Pulitzer School of Journalism, Columbia University; William Butler Yeats, Sydney George Fisher, LL.D., Canon James O. Hannay, Wilfrid Ward, Eugene Brioux, Lady Gregory, Alfred Noyes, Ambassador Myron T. Herrick, Lieut. Zinovi Pechkoff of the French Foreign Legion, Captain A. Radclyffe Dugmore of the British Army, Sydney Brooks, Kenyon Cox, General Boucher of the French Army, and M. Carlo Liten.

Formal academic courses have been delivered as follows:

Charles W. Eliot, LL.D., President Emeritus of Harvard University, "The Future of Trades Unionism and Capitalism in a Democracy," October, 1909. (G. P. Putnam's Sons.)

The Hon. Theodore E. Burton, United States Senator from Ohio, "Modern Democracy." November, 1911.

George Edward Woodberry, formerly head of the Department of Comparative Literature at Columbia University, "Two Aspects of Criticism: Creative and Historical." May, 1913.

John W. Burgess, LL.D., formerly Professor of Political Science and Constitutional Law in Columbia University, "The Administration of President Hayes." October, 1915. (Scribner's.)

THE STIRES PRIZES

Two prizes of \$35 and \$15 respectively, are offered annually by the Rev. Dr. Stires, Rector of St. Thomas' Church, New York, for excellence in debating. The contestants are chosen from the two upper classes and represent the Philomathesian and Nu Pi Kappa literary societies.

THE KING PRIZES

Through the generosity of Mr. Ralph King of Cleveland prizes amounting to \$100 are offered annually to members of the Freshman and Sophomore classes for excellence in writing and in public speaking. A First Prize of \$35 and a Second Prize of \$15 are given to each class, the award being made at Commencement by the Department of English for the work of the year.

SCHOLARSHIP AND BENEFICIARY AID

The charges for tuition and minimum room rent are remitted to the sons of clergymen and to postulants for Holy Orders. Limited appropriations are made to postulants for Holy Orders by the Trustees of the Ethan Stone Fund and by the Joint Education Committee of the Dioceses in Ohio.

All scholarships are held subject to the following regulation of the Faculty: "All students holding scholarships of any kind shall be required to maintain an average grade of two and one-half, to observe reasonable economy in expenditure, and to refrain from behavior which will subject them to college discipline."

(a) ENDOWMENT SCHOLARSHIPS.

The Alfred Blake Scholarships, three perpetual scholarships, covering tuition, the gift of Mrs. Alfred Blake, of Gambier.

The French Prize Scholarship, a perpetual scholarship covering tuition in Kenyon College, the gift of Mrs. Robert French, of Gambier, to be awarded to the student of the Preparatory Department standing highest in grade and deportment.

The Austin Badger Scholarship, of \$1,400, founded by bequest of Austin Badger, of Medina, Ohio. The income is to be awarded only to a student preparing for the ministry.

The Nash Scholarships, of \$10,000, founded by bequest of Job M. Nash, of Cincinnati. The income provides for three scholarships of about \$200 each.

The Thomas A. McBride Scholarship, of \$2,000, founded by bequest of Mrs. Mary A. McBride, of Wooster, Ohio, in memory of her son, Thomas A. McBride, of the class of 1867.

The Southard Scholarship, of \$2,500, the gift of Mr. George F. Southard, of the class of 1873. Preference is to be given to a student in regular standing.

The John W. Andrews, Jr., Scholarship, of \$3,000, the gift of Hon. John W. Andrews, of Columbus, Ohio, in memory of his son.

The Carter Scholarship, of \$5,000, the gift of Mrs. Carter, of Albany, New York, in memory of her husband, the Rev. George Galen Carter, S.T.D., of the class of 1864, and his father, the Rev. Lawson Carter, late of Cleveland, Ohio. The income provides for two scholarships and in making appointments preference is to be given to postulants for Orders, especially to such postulants as are sons of clergymen.

The Carnegie Scholarship Fund, of \$25,000, the gift of Andrew Carnegie, Esq. Grants from the income of this fund are made to needy and deserving students for the payment of College Bills. Postulants for Holy Orders are ineligible.

The Philo Sherman Bennett Scholarship, of \$500, assigned to Kenyon College by the Hon. William J. Bryan as administrator for Mr. Bennett. The income of this fund is to be given to needy and deserving students.

(b) LOAN FUNDS.

The Curtis Fund, which now amounts to over \$29,000.

The late Henry B. Curtis, LL.D., of Mt. Vernon, Ohio, granted to the Trustees of Kenyon College a fund for the aid of meritorious students by loans of money at a low rate of interest. The interest is intended to meet only the risk of death, and is not to be greater than the average rate of life insurance.

The application for a Curtis scholarship must state the applicant's name, residence and age, and his father's name and address. The father or guardian must endorse the application and express his belief that the loan will be repaid at maturity. The Faculty will consider the application to be confidential, and in granting the loan will take into consideration the applicant's character, ability and merit, including his examinations in school and college, and his record for regularity, punctuality and general conduct. The appropriations are made for only a year at a time. The maximum loan for one year is \$150, but for a student's first year \$75. The sum appropriated is paid in two equal parts, one at the beginning of each semester. Upon each payment the student gives his promissory note for the repayment five years from date, with interest at the rate of one and a half per cent.

The Ormsby Phillips Fund, of \$1,000, which was established by Mr. and Mrs. Bakewell Phillips, of Pittsburg, Pennsylvania, to be loaned without interest to a student for the ministry.

(c) THE HIGH SCHOOL SCHOLARSHIPS.

By action of the Board of Trustees, eight scholarships in Kenyon College are offered each year to male graduates of high schools in the State of Ohio. The application must state that the assistance is necessary to enable the student to pursue a course at Kenyon College, and must be signed by both the applicant and his father or guardian. A certificate from the principal of the high school testifying to intellectual proficiency and moral character is also required. The scholarships cover tuition.

ADMISSION

In the following statement the term "Unit" means a course of study of five recitation periods a week continued through a full school year. For entrance to all college courses fifteen such Units are required. The pages immediately following contain a detailed description of the subjects that will be accepted as Units for admission.

TABLE OF REQUIREMENTS FOR ADMISSION

FOR THE CLASSICAL COURSE:	UNITS
English	3
Mathematics	3
Latin or Latin and Greek.....	4
Other Foreign Language.....	2
History	1
Additional	2
	15

FOR THE PHILOSOPHICAL COURSE:	UNITS	FOR THE SCIENTIFIC COURSE:	UNITS
English	3	English	3
Mathematics	3	Mathematics	4 or 3
Foreign Languages	4	Foreign Languages.....	3 or 4
History	2	History	1
Sciences	1	Sciences	2
Additional	2	Additional	2
	15		15

The following table shows the minimum and maximum amounts which will be accepted in each subject:

UNITS	UNITS
English 3 or 4	German 1-3
Mathematics 3 or 4	History 1-3
Latin 1-4	Sciences 1-3
Greek 1-3	Drawing 1
French 1-3	Shopwork 1

English (Three or Four Units)

1. THREE UNITS. (a) Reading. A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject matter, and to answer simple questions on the lives of the authors. On several assigned topics a brief written discussion will be required at the examination. The object is to test the candidate's power of clear, accurate expression, and will call for only a general knowledge of the substance books. In place of a part of this test the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the book. No student will hereafter be admitted without examination except on the presentation of such properly certified exercise book, or of an explicit statement from his instructor of the books read in class and the amount of composition work required. The substitution of equivalent books for those given below will for the present be permitted. In preparation for this part of the requirement it is important that the candidates shall have been instructed in the fundamental principles of rhetoric.

(b) Study and Practice. This part of the examination presupposes the thorough study of each of the works named in this division. The examination will be upon subject matter, form and structure. *In addition the candidate may be required to answer questions involving the essentials of English grammar, and the leading facts in those periods of English history to which the prescribed book belongs.*

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom or division into paragraphs.

An examination in composition will be required of all new students.

FOR GENERAL READING. The student selects ten Units, two from each of the five following groups. Each unit is set off by semicolons.

GROUP I. THE OLD TESTAMENT; comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

GROUP II. SHAKESPEARE. *Midsummer Night's Dream*, *Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*, *King John*, *Richard II*, *Richard III*, *Henry V*, *Coriolanus*, *Julius Caesar*, *Macbeth*, *Hamlet*. If not chosen for study under B.

GROUP III. PROSE FICTION. Malory: *Morte d'Arthur* (about 100 pages); Bunyan: *Pilgrim's Progress*, Part I; Swift: *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe: *Robinson Crusoe*, Part I; Goldsmith: *Vicar of Wakefield*; Frances Burney: *Evelina*; Scott's Novels: any one; Jane Austen's Novels: any one; Maria Edgeworth: *Castle Rackrent*, or *The Absentee*; Dickens' Novels: any one; Thackeray's Novels: any one; George Eliot's Novels: any one; Mrs. Gaskell: *Cranford*; Kingsley: *Westward Ho!* or *Hereward, the Wake*; Reade: *The Cloister and the Hearth*; Blackmore: *Lorna Doone*; Hughes: *Tom Brown's Schooldays*; Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae*; Cooper's Novels: any one; Poe: *Selected Tales*; Hawthorne: *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses From an Old Manse*. A collection of Short Stories by various standard writers.

GROUP IV. ESSAYS, BIOGRAPHY, ETC. Addison and Steele: *The Sir Roger de Coverley Papers*, or *Selections from the Tatler and Spectator* (about 200 pages); Boswell: *Selections from the Life of Johnson* (about 200 pages); Franklin: *Autobiography*; Irving: *Selections from the Sketch Book* (about 200 pages), or *Life of Goldsmith*; Southey: *Life of Nelson*; Lamb: *Selections from the Essays of Elia* (about 100 pages); Lockhart: *Selections from the Life of Scott* (about 200 pages); Thackeray: *Lectures on Swift, Addison, and Steele in the English Humourists*; Macaulay: any one of the following essays: *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederic the Great*, *Madame d'Arblay*; Trevelyan: *Selections from the Life of Macaulay* (about 200 pages); Ruskin: *Sesame and Lilies*, or *Selections* (about 150 pages); Dana: *Two Years Before the Mast*; Lincoln: *Selections*, including at least the two *Inaugurals*, the *Speeches in Independence Hall* and at *Gettysburg*, the *Last Public Address*, the *Letter to Horace Greeley*, together with a brief memoir or estimate of Lincoln; Parkman: *The Oregon Trail*; Thoreau: *Walden*; Lowell: *Selected Essays* (about 150 pages); Holmes: *The Autocrat of the Breakfast Table*; Stevenson: *An Inland Voyage* and *Travels With a Donkey*; Huxley: *Autobiography* and *Selections from Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*; A collection of *Essays* by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of *Letters* by various standard writers.

GROUP V. POETRY. Palgrave: *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave: *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen under *Study*); Goldsmith: *The Traveller* and *The Deserted Village*; Pope: *The Rape of the Lock*; a collection of English and Scottish ballads, as, for example, some *Robin Hood* ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick* and *Grahame*, *Sir Patrick Spens*, and a selection from later ballads; Coleridge: *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron: *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott: *The Lady of the Lake* or *Marmion*; Macaulay: *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*; Tennyson: *The Princess*, or *Gareth and Lynette*, *Lancelot* and

Elaine, and *The Passing of Arthur*; Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News From Ghent to Aix*, *Home Thoughts From Abroad*, *Home Thoughts From the Sea*, *An Incident of the French Camp*, *Herve Riel*, *Pheidippides*, *My Last Duchess*, *Up At a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Piper*, "*De Gustibus*"—, *Instans Tyrannus*; Arnold: *Sohrab and Rustum* and *The Forsaken Merman*; selections from American Poetry, with especial attention to Poe, Lowell, Longfellow, and Whittier.

STUDY. This part of the requirement is intended as a natural and logical continuation of the student's earlier reading. Greater stress is laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. For this close reading the books are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA. Shakespeare: *Julius Caesar*, *Macbeth*, *Hamlet*.

GROUP II. POETRY. Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson: *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III. ORATORY. Burke: *Speech on Conciliation with America*; Macaulay: *Speech on Copyright*, and Lincoln: *Speech at Cooper Union*; Washington: *Farewell Address*, and Webster: *First Bunker Hill Oration*.

GROUP IV. ESSAYS. Carlyle: *Essay on Burns*, with a selection from Burns's Poems; Macaulay: *Life of Johnson*; Emerson: *Essay on Manners*.

2. **FOUR UNITS.** In addition to the preceding a fourth unit may be offered in English Composition.

Mathematics (Three or Four Units)

1. **THREE UNITS.** (a) Algebra (one and one-half units), through Simultaneous Quadratic Equations.

(b) Plane Geometry (one unit).

(c) Solid Geometry, or Advanced Algebra, or Trigonometry (one-half unit).

A thorough review of Algebra and Geometry should be completed during the year preceding entrance to College.

2. **FOUR UNITS.** In addition to the preceding the remaining two of the following subjects:

(a) Solid Geometry.

(b) Advanced Algebra, including the theory of Logarithms, Series, Determinants and Partial Fractions, and Elementary Theory of Equations (one-half unit).

(c) Plane Trigonometry, with special attention to the derivation of formulæ and the accurate solution and checking of problems (one-half unit).

Latin (One, Two, Three or Four Units)

1. **ONE UNIT.** Latin grammar with easy reading, consisting of twenty or thirty pages of connected text. In all written exercises the long vowels should be marked, and in all oral exercises pains should be taken to make the pronunciation conform to the quantities.

The student should be trained from the beginning to grasp the meaning of the Latin before translating, and then to render into idiomatic English; and should be taught to read the Latin aloud with intelligent expression.

2. **TWO UNITS.** In addition to the preceding, selections from Cæsar's *Gallic War* equivalent in amount to four or five books; selections from Nepos may be taken as a substitute for an amount not exceeding two books. The equivalent of at least one period a week in prose composition based on Cæsar. Frequent written exercises and translation at sight from Cæsar.

3. **THREE UNITS.** In addition to the preceding, six orations of Cicero, including the *Manilian Law*. Sal-

lust's *Catiline* will be accepted as a substitute for an equivalent amount of Cicero.

The equivalent of at least one period a week in prose composition, based on Cicero. Frequent written exercises and translation at sight from Cicero.

4. FOUR UNITS. In addition to 1 and 2, Virgil's *Aeneid*. For a portion of this may be substituted selections from *Ovid*. Constant practice in the metrical reading of Latin verse.

The equivalent of at least one period a week in prose composition. Frequent translation at sight from Virgil and Ovid.

Greek (One, Two or Three Units)

1. ONE UNIT. Grammar. *Anabasis*, twenty pages. The student should have constant practice in reading Greek aloud and in translating into Greek. Syntax is best taught in connection with the text read, but the most important paradigms should be learned before beginning the *Anabasis*.

2. TWO UNITS. In addition to the preceding, *Anabasis* I-IV. Greek prose based on the *Anabasis* should be written daily.

3. THREE UNITS. In addition to 1 and 2, *Anabasis* reviewed, *Iliad*, not less than 1900 lines. Mythology and scansion should be taught in connection with the *Iliad*. Greek prose based on the *Anabasis*.

French (One, Two or Three Units)

1. ONE UNIT. In one year the student should acquire a fairly accurate pronunciation and such a knowledge of elementary grammar and vocabulary as will enable him to translate very simple French into

English as well as short English sentences into French. He should read one or another of the standard French readers for beginners, or an equivalent amount of prose selected from suitable texts.

2. **TWO UNITS.** In the second year a more complete study of the grammar should be made in connection with exercises in composition, and a number of the less difficult short stories by modern French writers should be read. For the work of two years two units' credit is given.

3. **THREE UNITS.** The work of the third year should embrace the reading of several novels and plays and the writing of more advanced composition. For the work of three years three units' credit is given.

German (One, Two or Three Units)

1. **ONE UNIT.** Careful drill in pronunciation; elementary grammar, including a thorough knowledge of forms and simple syntax; reading of about 150 pages of easy modern German, mainly narrative prose; elementary drill in speaking and writing German.

2. **TWO UNITS.** Further study of the grammar, including a more thorough treatment of syntax; continued practice in writing and speaking German; reading in addition to 1, of about 250 pages of modern German from standard authors.

3. **THREE UNITS.** Continuation of the study of the grammar, composition and conversation; the reading in addition to 1 and 2 of about 400 pages of classical and modern German prose and poetry.

History (One, Two or Three Units)

1. **GENERAL HISTORY.** As much as is contained in Myers's *General History*.

2. (a) GREEK HISTORY. Myers' or Botsford's *History of Greece* or an equivalent (one-half unit).

(b) ROMAN HISTORY. Allen's *History of the Roman People* or Botsford's *Roman History* (one-half unit).

3. ENGLISH HISTORY. The equivalent of Andrews' or Cheney's *History of England*, with collateral reading.

4. UNITED STATES HISTORY. A comprehensive course based on such a text as Adams and Trent or McDonald's Johnston's, with considerable collateral reading.

5. (a) UNITED STATES HISTORY. John Fiske's *History of the United States* or an equivalent (one-half unit).

(b) POLITICAL SCIENCE, as much as is contained in John Fiske's *Civil Government in the United States* (one-half unit).

Science (One, Two or Three Units)

1. ELEMENTARY PHYSICS. An amount of work equivalent to that in the text of Carhart and Chute, Hoadley, or Millikan & Gale is required. Particular attention should be given to the practical laboratory methods, and the solution of numerical problems.

2. ELEMENTARY CHEMISTRY. A course including both laboratory work and class room work in Inorganic Chemistry. The following recent text-books may be taken to indicate the work desired: Brownlee's *First Principles of Chemistry*, or Hessler & Smith's *Essentials of Chemistry*, or McPherson & Henderson's *A First Course in Chemistry*.

3. GENERAL BIOLOGY. Adaptation to environment, protective resemblance, variation, etc., should be stud-

ied. A general study of the activity and local distribution of typical forms of life. Laboratory work is essential. Boyer's *Elementary Biology*, or selections from Davenport's *Introduction to Zoology*, together with Bergen's *Elements of Botany*, represent approximately the amount required.

4. BOTANY. The essential principles of plant life and growth together with a careful study of typical plant forms. Variability, adaptation, assimilation, respiration, digestion, growth and reproduction should be carefully studied. An equivalent of Atkinson's *Lessons in Botany*, or Bergen's *Foundations of Botany*, should be presented.

5. ZOOLOGY. Knowledge of the typical forms both invertebrate and vertebrate is required. Ability to recognize the specimen, to indicate its relationships, and to point out the principal features of its life history, organization and physiology. An equivalent of Kellogg's *Elementary Zoology* or Davenport's *Introduction to Zoology*.

RULES FOR ADMISSION

Candidates for admission must present testimonials of good moral character, and if they come from other colleges certificates of dismissal in good standing.

Examinations for entrance are held at the opening of the college year the third Wednesday in September.

Certificates will be provisionally accepted from the principal of any accredited High or Preparatory School, and will exempt the student from entrance examinations in the subjects covered, provided that they are in the hands of the Registrar at the opening of the year. No student is admitted whose certificates do not cover at least 14 units of preparatory work.

The privilege of registration is extended only to students who either pass the entrance examinations or present satisfactory certificates.

The College furnishes certificate blanks, which must state in detail the courses that the student has completed, together with the ground covered and the time given to each course.

At entrance, all students are received upon probation, and their work is subject to careful inspection. Matriculation (see p. 69) gives final credit for certificates and accords full standing in College. Immediately before the Thanksgiving recess, mid-semester examinations are given to all new men. To be matriculated a student must maintain a passing grade in at least twelve hours of work, to be determined by class standing and the mid-semester examinations. Students who fail to matriculate may be continued upon probation, but failure to pass in nine hours of work at the end of the semester drops them from College.

Applicants for admission who lack preparation in Greek, German or French, will be given an opportunity in College to make up in one of these languages not more than two units of deficiency.

Advanced Standing

Candidates for advanced standing will be examined in all prescribed studies antecedent to the desired grade, including the requirements for admission to college and in such elective studies as shall be chosen by the candidate and approved by the Faculty.

Students from other colleges will be admitted to such standing as the Faculty may deem equitable in each case. Candidates are required to present a certified statement of the studies they have pursued and their proficiency therein, together with a catalogue of the college from which they come.

COURSES OF STUDY

Three courses of study are offered—classical, philosophical, and scientific. After the freshman year in all courses students are permitted to elect a large proportion of their work. The prescribed requirements aim at securing breadth and continuity without sacrificing flexibility. On the following pages is printed a conspectus showing the prescribed subjects and the range of electives for each course.

THE CLASSICAL COURSE. Four years of classical language are required for admission and a considerable amount of classical language must be taken in College. If the student takes Latin and no Greek he is required to complete a course in Greek literature for which no knowledge of the language is necessary. The degree of Bachelor of Arts is conferred upon the completion of this course.

THE PHILOSOPHICAL COURSE. This course emphasizes modern language both for preparation and in College although units in any foreign language may be presented for admission. In College five years of language must be taken of which at least three years must be in one language. About the same proportion of electives is allowed as in the Classical course. The degree of Bachelor of Philosophy is conferred upon the completion of this course.

THE SCIENTIFIC COURSE. The arrangement of subjects in this course is intended primarily to meet the needs of students who intend to take technical or engineering courses later. Advanced work in mathematics and in physics is prescribed and numerous elec-

tives are offered in the scientific subjects which are fundamental for technical training. Students who complete this course with the proper electives in science are able to make third year standing in engineering schools of first grade. The degree of Bachelor of Science is conferred upon the completion of this course.

SPECIAL COURSES. Students are urged to enter one of the four regular courses but in individual cases permission to take special work is granted. Students who intend to study engineering can thus complete in three years a sufficient amount of work in general science to secure practically two years of advanced credit in a good technical school. By this means such students enjoy the advantage of the personal instruction and the academic atmosphere of a literary college, with little sacrifice of time.

CONSPECTUS OF COURSES OF STUDY

ALL COURSES:	FRESHMAN YEAR	HOURS
English 1, 2*.....		3
Mathematics 1, 2 or 3, 4†.....		3
Physical or Military Training 1, 2.....		1
CLASSICAL:‡		
Greek or Latin.....		3
Other Language		3
Chemistry 1, 2 or Physics 1, 2.....		4
PHILOSOPHICAL:**		
French		3
German		3
Latin		3
Two to be chosen		
Chemistry 1, 2 or Physics 1, 2.....		3

* The number identifies the course as described under Departments of Instruction.

† Scientific students presenting only 3 units of Mathematics for entrance must complete Mathematics 1, 2, 3, 4.

‡ All classical students must complete in College four years of Classical Language; if Greek is begun in College, it must be carried two years; if no Greek language is taken Greek 11 and 12 must be taken.

** All philosophical students must complete in College five years of Foreign Language of which three years must be in one language.

SCIENTIFIC:	HOURS
French	3
German	3
Latin	3
Two to be chosen	
Chemistry 1, 2.....	3

SOPHOMORE YEAR

ALL COURSES:	
English 3, 4.....	3
Bible 1, 2.....	1
Physical or Military Training 3.....	1

CLASSICAL

One Ancient Language.....	3
One Modern Language.....	3
One Science	3
Elective	3

PHILOSOPHICAL:

Two Languages	6
One Science	3
Elective	3

SCIENTIFIC:

One Language	3
Chemistry 3	3
Mathematics 5, 6 and Physics 1, 2 or Biology 1, 2 and Elective Science	6

Of the above, the choice of optional courses must be for the entire year. No restriction is put upon the electives.

ELECTIVE COURSES OPEN TO SOPHOMORES:

Greek 1-8, 11, 12.	Chemistry 3-8.	History 1, 2, 10.
Latin 3, 4.	Biology 1, 2.	Political Science 1-4.
German 1-6.	Physics 1-4.	Economics 1, 2.
French 1-4.	Mathematics 3-13.	
Spanish.		
Italian.		

All electives are three-hour courses.

JUNIOR YEAR

CLASSICAL:	HOURS
English 5, 6.....	3
History 7, 8.....	3

Two major courses of the Sophomore year must be continued through the Junior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

PHILOSOPHICAL:	HOURS
English 5, 6.....	1
History 7, 8.....	3
1 Language	3
1 Sophomore Course continued.....	3
Electives	6

SCIENTIFIC:	HOURS
English 5, 6.....	1
History 7, 8.....	3
Physics* 3, 4 and Mathematics 9, 10, or Biology* 3, 4 and Elective Science	6
Electives	6

ELECTIVE COURSES OPEN TO JUNIORS:

English 9, 10, 13-16, 19-25.	Chemistry 5-10. Biology 1-8.	History 1-6. Political Science 1-6.
Greek 5-14.	Physics 1-7.	Economics 1-8.
Latin 5-8.	Mathematics 5-18.	Philosophy 1-4.
German 1-10.	Astronomy.	The Bible 4, 6.
French 1-10.		
Spanish.		
Italian.		

All electives are three-hour courses.

SENIOR YEAR

ALL COURSES:	HOURS
English 7, 8.....	1

In all courses one major course of the Junior year must be continued through the Senior year, and other electives chosen to bring the entire amount of work up to sixteen hours.

* The option in Science of the Sophomore year must be continued in the Junior year.

ELECTIVE COURSES OPEN TO SENIORS:

English 11-25.	Chemistry 9-12.	History 3-6.
Greek 5-14.	Biology 3-10.	Political Science 1-6.
German 3-10.	Physics 3-7.	Economics 1-8.
Latin 5-8.	Mathematics 7-18.	Philosophy 1-4.
French 3-10.	Astronomy.	The Bible 4, 6.
Spanish.		
Italian.		

Students intending to study Theology will be permitted to present as Senior electives Philosophy 1 and 2, and twelve hours of the work of the Junior year at Bexley Hall.

DEPARTMENTS OF INSTRUCTION

ENGLISH

PROFESSOR REEVES

ASSISTANT PROFESSOR LOCKERT

1, 2. Written and Oral Exercises, based upon Phonetic principles, in which deficiencies of speech are explained in personal conferences, and overcome by practice before the class. Narrative and descriptive themes are read aloud after correction by the instructor. In the second semester, English 2, the essays are expository and argumentative, class debates affording opportunity for speaking. Three hours a week, required of all Freshmen. The King prizes are offered for excellence in speaking. PROFESSORS REEVES AND LOCKERT.

3, 4. ENGLISH LITERATURE. A survey course, supplemented by carefully written themes, read before the class after correction. Each student is required to write and deliver one oration. Required of all Sophomores, three hours a week. Pancoast's *Prose and Poetry* is used as a text. The King prizes for excellence in speaking are offered to Sophomores. PROFESSORS REEVES AND LOCKERT.

5, 6. Nineteenth Century English Literature. Weekly written exercises required of all Juniors. PROFESSOR LOCKERT.

Odd numerals indicate first semester; even numerals second semester.

7, 8. PUBLIC SPEAKING. All Seniors are required to prepare a weekly exercise upon a subject of present interest. Stage presence, the psychology of attention, and elementary dramatic exercises are studied in the second semester. For many years, upon a vote of the graduating class, a classical English play has been presented. PROFESSOR REEVES.

9. ELIZABETHAN DRAMA. A survey of the drama from 1580 to 1642, with Neilson's *Chief Elizabethan Dramatists* as a text. Introductory to Shakespeare. Elective for Juniors and Seniors. PROFESSOR LOCKERT. Offered in 1920-21.

10. SHAKESPEARE. Elective for Juniors and Seniors. Offered each year. PROFESSOR REEVES.

11. THE CONTEMPORARY DRAMA. Elective for Juniors and Seniors, with Dickinson's *The Chief Contemporary Plays* as a text. Alternate years; offered in 1920-21.

12. TENNYSON AND BROWNING. Elective for Seniors. Complete texts of each poet are required, and their contrasting arts explained. Elective for Seniors. Offered each year. PROFESSOR REEVES.

13 and 14. ANGLO-SAXON and the HISTORY OF THE ENGLISH LANGUAGE. The historical basis of English idiom is explained in the reading and philological study of Anglo-Saxon literature. The sources of English grammar are studied, and the vitality of the language illustrated by reference to the vernacular. This course is necessary for a certificate from the department of capacity to teach English. Three hours a week, elective for Juniors and Seniors. PROFESSOR REEVES.

All courses three hours unless otherwise stated.

15. **SHORT STORY WRITING.** Exercises in the technique of the Short Story, with study of models. Elective for Juniors and Seniors, alternate years; offered in 1919-20. PROFESSOR LOCKERT.

16. **ARGUMENTATION and DEBATE.** One debate a week is required, and a good delivery is insisted upon. Elective for Juniors and Seniors. PROFESSOR LOCKERT. Offered in 1919-20.

17. **CHAUCER, LANGLAND AND WYCLIF. FOURTEENTH CENTURY STUDIES.** Elective for Juniors and Seniors. Offered in 1919-20. PROFESSOR REEVES.

18. **THE ROMANTIC POETS.** The culmination of English Romanticism in Wordsworth, Coleridge, Byron, Shelley and Keats. Elective for Juniors and Seniors. Offered in 1920-21. PROFESSOR LOCKERT.

19. **AMERICAN LITERATURE.** The social and political ideals of Jefferson, Franklin, Adams and Madison. Offered in 1918-19. PROFESSOR REEVES.

20. **WORLD DRAMA. AESCHYLUS TO IBSEN.** Typical great dramas and important literary movements are studied. Given in 1918-19. PROFESSOR LOCKERT.

21. **DEVELOPMENT OF THE ENGLISH NOVEL.** Offered in 1919-20. PROFESSOR REEVES.

22. **THE LATER ENGLISH NOVEL.** Offered in 1919-20. PROFESSOR LOCKERT.

GREEK

PROFESSOR NEWHALL

1, 2. **GRAMMAR;** *Anabasis*, Book I. Optional for admission to Classical Course. Elective in other courses.

Odd numerals indicate first semester; even numerals second semester.

3, 4. *Anabasis*, II-IV; *Iliad*, 1900 lines. Prose Composition. Optional for admission to the Classical Course. Elective in other courses.

5. *LYSIAS*, or Selections from Attic Orators. Prose Composition. Optional for the Classical Course. Courses 1-4 prerequisite.

6. *ODYSSEY*, Selections or Herodotus. Private life of the Greeks. Optional for the Classical Course.

7. *PLATO*. *Laches and Apology*. History of Greek Literature (Prose). Optional in the Classical Course. Courses 5 and 6 prerequisite.

8. *SOPHOCLES*, *Antigone* or *Oedipus Tyrannus*. Aristophanes, *Clouds* or *Frogs*. History of Greek Literature (Poetry). Optional in the Classical Course. Courses 5-7 prerequisite.

9. *ÆSCHYLUS*. *Prometheus* or *Septem*. Euripides, *Alcestis* or *Medea*. The Greek Drama and Theatre. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

10. *SELECTIONS FROM THE LYRIC POETS* OR *LUCIAN*. Greek music and metres. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

11. *HOMER IN ENGLISH*. The entire *Iliad* and *Odyssey*, with lectures on Homeric Life and the Homeric Question. No knowledge of Greek required. Alternate years. Elective for Sophomores, Juniors and Seniors. Offered in 1919-20.

12. *GREEK DRAMA IN ENGLISH*. No knowledge of Greek required. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1919-20.

13. *HISTORY OF ART*. The Minor Arts, Painting and Modern Sculpture. Elective for Juniors and Sen-

iors in all courses. Alternate years. Offered in 1920-21.

14. HISTORY OF ART. Architecture and Ancient Sculpture. Second semester. Elective as 13. Offered in 1920-21.

LATIN

PROFESSOR MANNING

1. LIVY. Review of Grammar. Optional for Freshmen.

2. TERENCE, OVID. Grammar. Prose composition. Optional for Freshmen.

3. PLINY THE YOUNGER. Letters. Reading at sight. Optional for Sophomores. Courses 1 and 2 prerequisite.

4. HORACE, Selections from the Odes, Satires and Epistles. Study of the poet's life and times. Optional for Sophomores. Courses 1-3 prerequisite.

5. TACITUS. Selections from the *Histories* or *Annals*. Reading at sight. Study of the first century of the Empire. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1920-21.

6. JUVENAL AND MARTIAL. Study of Roman Private Life. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1920-21.

7. PLAUTUS AND TERENCE. Reading at sight. Study of the history of the Roman Drama. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1919-20.

8. CICERO, *Letters*. Study of the author's life and times. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1919-20.

Odd numerals indicate first semester; even numerals second semester.

9, 10. ELEMENTARY LATIN. Grammar. Cæsar, Book I. Both semesters.

11, 12. CAESAR, CICERO, PROSE COMPOSITION. Both semesters. Latin 9, 10, prerequisite.

13, 14. VIRGIL, ÆNEID, Books I-VI. Both semesters. Courses 9-12 prerequisite.

ROMANCE LANGUAGES

PROFESSOR LARWILL

1. ELEMENTARY FRENCH. Pronunciation, the essentials of grammar, reading of simple prose and translation into French of short English sentences. Books: Fraser and Squair, *French Grammar*; Aldrich and Foster, *A French Reader*; Larousse, *Histoire de France*.

2. ELEMENTARY FRENCH. Further study of grammar in connection with exercises in composition, reading of Merimée's *Colomba* and two similar texts.

3, 4. SECOND YEAR FRENCH. Reading of several shorter novels and plays by modern authors; composition and conversation.

5, 6. GENERAL SURVEY OF FRENCH LITERATURE and reading of works representative of various important movements. Courses 3 and 4, or their equivalent, prerequisite. Offered in 1919-20. Books: Pelissier, *Précis de l'Histoire de la Littérature Française*; Vreeland and Michaud, *Anthology of French Prose and Poetry*.

7, 8. THE LITERATURE OF THE EIGHTEENTH CENTURY. Readings, reports and discussions in French and in English. Courses 3 and 4, or their equivalent, prerequisite. Offered in 1918-19.

All courses three hours unless otherwise stated.

9, 10. FRENCH CONVERSATION. Practice in the use of the language of social intercourse, of business, and of travel; letter writing. Courses 3 and 4, or their equivalent, prerequisite. Books: Kron, *Le Petit Parisien*; Blanchaud, *French Idioms*. Offered in 1919-20.

11. ITALIAN: *First Course*. Pronunciation, grammar, simple composition, reading of easy prose. Books: Grandgent, *Italian Grammar*; Bowen, *Italian Reader*; Fogazzaro, *Peregrinatio*.

12. MODERN ITALIAN PROSE AND COMPOSITION. Reading of selections from Manzoni, D'Annunzio and Verga; composition. Books: Grandgent, *Italian Composition*; *Italian Short Stories*; Manzoni, *I Promessi sposi*.

13, 14. SPANISH: *First Course*. Pronunciation, grammar, simple composition, conversation, reading of easy prose. Books: *Epitome de la Gramatica de la Real Academia Española*; *El libro de Juanito*.

15, 16. MODERN SPANISH LITERATURE AND COMMERCIAL SPANISH. Reading of representative novels and plays; composition and conversation. Books: Ford, *Spanish Composition*; Echegaray, *O Locura O Santidad*; Galdos, *Doña Perfecta*; Harrison, *A Spanish Commercial Reader*.

17, 18. PORTUGUESE: *First Course*. Grammar, composition, conversation. Books: Branner, *Portuguese Grammar*; Andrade, *Segundo livro de leitura*.

GERMAN

PROFESSOR WEST

1, 2. ELEMENTARY GERMAN. Pronunciation, essentials of grammar with constant drill on forms, simple

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prose composition and practice in speaking German; easy German prose and poetry selected from modern authors with at least one complete longer story.

3. NINETEENTH CENTURY PROSE. Heyse, *L'Arrabiata*; Freytag, *Die Journalisten*; Wesselhoeft, *German Exercises*; Thomas, *Practical German Grammar*.

4. NINETEENTH CENTURY POETRY. Eulda, *Der Talisman*; *Selected Lyrics*; grammar and composition as in 3.

5, 6. STUDIES IN EIGHTEENTH CENTURY LITERATURE. The life and works of the great writers of the century will be studied, with such consideration of their times and contemporaries as may be practicable. Courses 1-4 prerequisite.

7, 8. STUDIES IN NINETEENTH CENTURY LITERATURE. Subjects treated as in 5, 6. Courses 1-4 prerequisite.

9, 10. HISTORY OF GERMAN LITERATURE. A study of the development of German Literature and reading of selections from representative authors of the most important periods. Priest, *A Brief History of German Literature*; Hentschel, Hey and Lyon, *Handbuch zur Einführung in die deutsche Litteratur*. Course 1-4 prerequisite.

Courses 1-4 are given each year. Of courses 5-10, one is given each year, determined by the number of students electing it. For 1918-19 Course 5, 6 was elected with Goethe as the author; for 1919-20 Course 7, 8 with *The Drama of the Nineteenth Century* as subject.

All courses three hours unless otherwise stated.

CHEMISTRY

PROFESSOR WEIDA

1. GENERAL INORGANIC CHEMISTRY. The work is a descriptive study of the common materials, and includes fifty laboratory periods of at least two hours each, besides recitations and personal conferences. Required of Freshmen in Scientific Course—and in other courses alternative with Physics 1. Four hours credit.

The laboratory work is based on Hale's laboratory outline. The recitations and conferences are adapted to the work actually being done, with assigned readings in several text-books.

1. (a) The same course as outlined above, with the details changed somewhat for students presenting entrance credits in chemistry.

2. GENERAL INORGANIC CHEMISTRY (CONTINUED). Fifty laboratory periods of at least two hours each, with recitations and conferences as above stated. Extra laboratory periods are arranged for those properly qualified. (See Course 6.) This course is a continuation of the above from the same descriptive point of view. Especial attention is paid to the useful metals and alloys, their manufacture, their properties and the products they yield. Some work is also done on the detection or analysis of simple compounds. Four hours' credit. Required in Scientific Course (alternative with Physics 2 in other courses.)

3. QUALITATIVE ANALYSIS. A course based on the preceding year of inorganic chemistry, beginning with single salts and passing through the methods of chem-

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ical analysis while reviewing the chemical reasons for each step. Each student analyzes a number of unknown substances, both solids and liquids. Six hours each week in the laboratory with frequent conferences and recitations held in the classroom.

NOTE:—When consent of instructor is obtained, the amount of work done in Qualitative Analysis may be increased by continuing similar work through the second semester.

4. ORGANIC CHEMISTRY. A classroom course giving an outline view or descriptive study of the most important compounds of carbon. This course is necessary to those looking forward to the study of medicine, and may be taken immediately after Course 2, if desired.

Laboratory work on Organic preparations is *not* included in this course, but may be taken at the same time or following as a separate course (see Courses 6, 7).

5. ADVANCED TOPICS IN CHEMISTRY.

A classroom course open to Juniors and Seniors who have had Courses 1-4. The special subjects vary from year to year. Coal Tar Compounds was the subject in 1918-19, and next year Reading of Chemical German will be offered for those properly prepared in German as well as in Chemistry.

6. CHEMICAL PREPARATIONS. A laboratory course open only to those who have made a good record in Chemistry of the first semester. The student himself prepares a selected list of materials that are being studied in the descriptive courses. It may thus accompany Course 2 and 4, or follow these. This work must

All courses three hours unless otherwise stated.

ordinarily be done in the second semester. Either 3 or 6 hours' credit, according to assignment.

7. CONTINUATION OF COURSE 6. Such a continuation in the first semester is allowed only in exceptional cases; and in each case the consent of the professor must be secured before registration.

8. DESCRIPTIVE MINERALOGY. A course planned to follow Qualitative Analysis (Course 3 prerequisite) and including some of the methods of blowpipe analysis. The course is, however, descriptive, as the name implies, rather than analytical, and may be taken by those desiring information on the common minerals and ores. The description of mineral species requires at the beginning a study of the crystal forms in which they may occur, and of any other physical properties that may be of value in description. Offered only when desired by four or more students.

9-12. ADVANCED LABORATORY WORK. A course in pure Chemistry for general students; and open only to Seniors who have previously shown special excellence in Chemistry. Prerequisite: Courses 1-4. The main work will be in Quantitative Analysis, but in some cases special subjects such as medical chemistry may be taken up after sufficient general quantitative work has been done. The work is individual, under the supervision of the professor, and may be taken as a single course for 3 hours' credit, or as a double course for 6 hours' credit.

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BIOLOGY

PROFESSOR WALTON

The courses in this department are not only designed for the general student, but also furnish special training for students who expect to study medicine.

1, 2. GENERAL BIOLOGY. This is intended as an introduction to subsequent courses as well as for the purpose of presenting a general survey of the subject to those students wishing to take only one year of Biology. It consists of lectures, recitations and laboratory work on selected types of organisms and on various phases of animal and plant life of a special nature. Topics such as the origin and manifestations of life, the cell and the cell theory, the individual, heredity, variation, selection, genetics and especially mendelian phenomena, are carefully considered in the lectures. During the latter part of the course the principles of sanitation, hygiene and preventative medicine are given particular emphasis.

The work is supplemented by occasional field excursions. Two laboratory periods of two and one-half hours each and one hour lecture a week. Elective for Sophomores, Juniors and Seniors.¹

3. COMPARATIVE ANATOMY OF THE VERTEBRATES. Lectures, recitations and laboratory work on vertebrates from Amphioxus to Man, with particular attention to comparisons of the skeletal system, the nervous system, the circulatory system, etc. Text-book, Pratt, *Vertebrate Zoology*. Five hours' laboratory and one hour lecture a week. Elective for Sophomores, Juniors and Seniors. Courses 1-2 prerequisite.

¹ Freshmen contemplating the study of medicine may be admitted upon a recommendation from their Faculty Adviser.

All courses three hours unless otherwise stated.

4. HISTOLOGY AND MICROTECHNIQUE. This course is arranged primarily for students intending to enter medical school. Permanent preparations are made of organs and tissues which have been previously dissected, fixed and placed in alcohol or imbedded in paraffine. Particular attention is paid to the physiologic function of the various groups of cells. The theory of the microscope and methods in microtechnique sectioning, staining, etc., are carefully considered at the beginning of the course. Five hours laboratory and one hour lecture a week. Elective for Sophomores, Juniors and Seniors. Courses 1-2 prerequisite.

5, 6. EMBRYOLOGY. Lectures, recitations and laboratory work based on a general study of the development of animals from the formation of the egg to the attainment of growth in the adult. Particular attention is given to cytology during the early part of the course. A series of *in toto* preparations and transverse sections from the early stages of the chick are made by each student to be used in subsequent study. Text-book: McMurrich or Heisler. Reference books: Minot, Hertwig, Roule, etc. Five hours laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-6 prerequisite. Alternate years.

7, 8. NEUROLOGY. A comparative study of the growth and structure of the nervous system in the different groups of animals, with particular attention to the morphology of the central nervous system of the vertebrates. Five hours laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-6 prerequisite. Alternate years.

Odd numerals indicate first semester; even numerals second semester.

9, 10. **ADVANCED BIOLOGY.** Special laboratory work arranged with reference to the individual needs of the students wishing to devote a maximum amount of time to the study of Biology. Courses 1-6 prerequisite.

PHYSICS

PROFESSOR JOHNSON

A. ELEMENTARY PHYSICS. A first course in general physics combining a review of high school physics with a lecture and laboratory course designed to bridge the gap between the ordinary high school course and General College Physics, 1 and 2. This course should be of interest to the average student who may not be specializing in science, for it is descriptive and experimental rather than mathematical. It may also be taken to satisfy the entrance requirement for Physics 1 and 2. No previous work in physics nor in mathematics beyond algebra and geometry is required. For those who have not presented high school physics for entrance to college, the work will be somewhat modified. Three class hours and one laboratory period each week. Four hours credit. Second semester only.

1, 2. GENERAL PHYSICS. A course in college physics following Physics A, and entering more into the theory of physical phenomena and the relation between theory and experiment than is possible in the elementary course. The accompanying laboratory work is purely quantitative. Three experimental lectures a week and at least fifty hours of laboratory work each semester. Open to all students who have had high school physics or Physics A and who have had or are taking Mathematics 1 and 2. Four hours credit.

All courses three hours unless otherwise stated.

NOTE:—Of the courses listed below, only a part are offered each year, as indicated by the accompanying dates. They are also so arranged that the advanced laboratory and theoretical courses may be taken in conjunction advantageously, in which case six hours credit will be given, e. g., as follows:

Course 3 with course 7.

Course 4 with course 10.

Course 5 with course 11.

Course 6 with course 12.

Courses 3, 4, 5 and 6 are primarily laboratory courses. Each consists of three laboratory periods a week, of at least two hours each. Occasionally a lecture may be substituted for one of these periods. Prerequisites: Physics 1 and 2, and Mathematics 1 and 2.

All students planning to study medicine or engineering should elect at least one of these three hour laboratory courses in addition to General Physics 1 and 2.

3. EXPERIMENTAL MECHANICS. 1918-19.

4. HEAT. A laboratory study of heat effects, changes in volume, thermometry, calorimetry, transfer of heat-energy, the mechanical equivalent of heat, etc. 1918-19.

5. SOUND AND LIGHT. An experimental study of vibrating bodies and wave motion in various media, reflection, refraction, dispersion, color sensation, and polarization. 1919-20.

6. ELECTRICAL MEASUREMENTS. Fundamental electrical units, measurements of resistance, current, electro-motive force, quantity, capacity, self- and mutual-induction. 1919-20.

NOTE:—Courses 7, 8, 10, 11 and 12 are lecture and problem courses with collateral reading. Open to those who have had Physics 1 and 2, and who have had or are taking Mathematics 3 and 4.

Odd numerals indicate first semester; even numerals second semester.

7, 8. THEORETICAL MECHANICS. An elementary course in analytical mechanics. 1918-19.

9. PHOTOMETRICAL MEASUREMENTS. A laboratory study of light sources and their uses in illumination. Photometric tests of commercial lighting units, including gas lamps, and direct and alternating current arc and incandescent lamps. Also measurements of the heating and illuminating values of Ohio Natural Gas. 1919-20.

10. THEORY OF HEAT. An analytical study of heat sources, heat transferences, methods of heat measurement, the Kinetic Theory of Gases, and the thermodynamics of heat engines. 1918-19.

11. THEORY OF LIGHT. A study of the underlying principles of Geometrical and Physical Optics. 1919-20.

12. THEORY OF ELECTRICITY AND MAGNETISM. Electrostatics, electric circuit calculations and the theory of electrical measuring instruments. 1919-20.

13, 14. DYNAMO-ELECTRIC MACHINERY. Direct and alternating current, in theory and practice. A pre-engineering course. Two lectures and one laboratory period a week. Prerequisite: Physics 6 or 12.

15. HISTORY OF PHYSICS. A course of lectures on the leading physicists of all ages and their work. Supplemented with reports on collateral reading. Open to those who have had Physics 1 and 2.

16. ELECTRON THEORY. An advanced course on electrolytic conduction, conduction of electricity through gases, and radioactivity. Lectures and reports on collateral reading. Prerequisite: Physics 11 and 12, and Mathematics 5 and 6.

All courses three hours unless otherwise stated.

MATHEMATICS AND CIVIL ENGINEERING

PROFESSOR ALLEN

1, 2. **ELEMENTARY MATHEMATICAL ANALYSIS.** This course covering the use of coordinate systems, plotting and discussion of simple functions, plane trigonometry and elementary analytic geometry, is required of all Freshmen. Freshmen offering Mathematics 2 (b) and (c), (see p. 30) for entrance may enter the course the second semester.

3, 4. **CALCULUS.** Text, *The Calculus*, Davis. Required of Scientific Students. Course 3 is required of students omitting Course 1. Courses 1 and 2 prerequisite.

5, 6. **CALCULUS AND DIFFERENTIAL EQUATIONS, ANALYTIC GEOMETRY.** This course is designed for students of Engineering. Offered 1919-20.

7, 8. **MODERN GEOMETRY.** Texts, *Cremona* and *Reye* supplemented by lectures. Given in 1917-18. Offered 1919-20.

10. **DESCRIPTIVE ASTRONOMY.** Alternate years; offered 1920-21.

11, 12. **PLANE SURVEYING.** Text, Raymond. Also **TOPOGRAPHIC AND RAILROAD SURVEYING.** Offered 1919-20.

13. **FIELD WORK IN SURVEYING.** Courses 11 and 12 continued and applied to concrete problems. Three hundred hours of office and field work given in the six weeks following Commencement.

15. **DESCRIPTIVE GEOMETRY.** Text, *Descriptive Geometry, with Shades and Shadows and Perspective*,

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Church. Courses 1 and 2 prerequisite. Given in 1918-19.

16. ELEMENTARY MECHANICAL DRAWING. Seven and one-half hours a week (3 hours' credit). Given in 1918-19.

HISTORY

1, 2. MEDIEVAL AND MODERN EUROPEAN HISTORY. The period of history covered extends from the Fall of the Roman Empire and the Great Migrations to the French Revolution. The development of modern industrial, social and political systems receives careful attention. Robinson's *History of Western Europe* and Trenholm's *Syllabus* are used as texts, but much collateral reading is required. Elective for Sophomores and Juniors. PROFESSOR CAHALL.

3, 4. HISTORY OF THE NINETEENTH CENTURY IN EUROPE. This course covers the history of Europe from the beginning of the French Revolution to the present time, especial attention being given to the Unification of Germany and Italy. Elective for Juniors and Seniors. Alternate years. Offered in 1918-19. PROFESSOR CAHALL.

5, 6. ENGLISH CONSTITUTIONAL HISTORY. The course covers the whole period of the development of the English Constitution. Cross, *History of Great Britain*, is used as the basis of the work, with collateral reading and the preparation of essays. Alternate years. Offered in 1919-20. PROFESSOR CAHALL.

7, 8. AMERICAN POLITICAL HISTORY. The period covered extends from the middle of the Eighteenth Century to the end of the Reconstruction period in

All courses three hours unless otherwise stated.

1876. Outside reading and the private investigation of assigned subjects form a large part of the course. MacDonald's collection of documents is used extensively. Required of Juniors. PRESIDENT PEIRCE.

9, 10. INTELLECTUAL HISTORY OF EUROPE. A study of ancient and mediæval conceptions with their modern significance. Much attention is given to the historical setting and to the study of the works of Plato, Aristotle, St. Augustine, St. Thomas Aquinas, Dante, Petrarch, Montaigne and others. Lectures, reports and special studies. History 1 and 2 prerequisite. Offered in 1919-20. PROFESSOR CAHALL.

11, 12. ISSUES OF THE WAR. A development and continuation of the course prescribed by the War Department for members of the Students' Army Training Corps. During the first semester Holt and Chilton's *History of Europe from 1862 to 1914* is used as a handbook and during the second semester much time is given to the study of diplomatic documents and other original sources. Some attention is also devoted to the origin and development of Pan-Germanism. Elective for Sophomores, Juniors and Seniors. PRESIDENT PEIRCE.

POLITICAL SCIENCE

PROFESSOR CAHALL

1. AMERICAN GOVERNMENT. The national and state systems are discussed in lectures, recitations and debates. The text is Beard's *American Government and Politics* and the readings for the same. Elective for Sophomores, Juniors and Seniors.

.2 AMERICAN GOVERNMENT. The municipal system and its problems are the subject. Beside a study of the

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functions and needs of the American city attention is given to the organization and administration of European cities. The text is "*The American City*," by W. B. Munro. Elective for Sophomores, Juniors and Seniors.

3, 4. CONTEMPORARY POLITICS AND THE GOVERNMENTS OF EUROPE. The course analyzes the present governments of Europe in the light of their origin. Lectures, discussions and reports upon outside reading. Text, Frederic A. Ogg, *The Governments of Europe*. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1919-20.

ECONOMICS AND SOCIOLOGY

1, 2. PRINCIPLES OF ECONOMICS. An introductory course in the fundamental principles and problems of the science. Recitations, problems, lectures, discussions, one essay per semester. Elective for Sophomores, Juniors and Seniors. This course must be taken as a whole in order to receive credit in either part.

3. MONEY AND BANKING. The theory of money, credit, prices, crises. The monetary systems of the world; the present banking systems of the United States and other countries. International exchange. Text book and collateral reading, the preparation of an essay embodying the results of an intensive study of some problem in contemporaneous banking. The lectures cover the practice of banking in the United States with special reference to commercial banking and the problems arising from War Finance. Prerequisite Courses 1 and 2. Elective for Juniors and Seniors.

4. **LABOR CONDITIONS.** A study of the industrial group in its physical, economic, social and cultural relations. Including a treatment of immigration, trade unionism, and socialism. A lecture course with collateral reading, class discussions, reports and a research essay. Prerequisites Courses 1 and 2. Elective for Juniors and Seniors.

5. **COMBINATIONS AND PRIVATE FINANCE.** A survey of the legal, financial and social problems arising from finance capital in modern industrial organization. The function of the promoter, the pool, monopoly and trust with reference to price, the labor situation and social and political welfare. The marketing of evidences of ownership and indebtedness in and of Private and Quasi-Public Corporations. A lecture course with collateral reading, daily written problems, and the preparation of a research essay. Prerequisite Courses 1 and 2. Elective for Juniors and Seniors.

6. **PUBLIC FINANCE.** The rise of the Science of Finance, the doctrine and practice of public expenditures, the budget and the raising of Public Revenue. The evolution of the tariff, income and inheritance taxation. The general theory of international commerce. A comparative study of public finance in peace and war. Problems arising from the marketing of evidences of municipal, state and federal indebtedness. A lecture course with collateral reading, class reports and the preparation of a research essay. Prerequisites Courses 1 and 2. Elective for Juniors and Seniors.

BUSINESS

7. **COMMERCIAL LAW.** The purpose of this course is to familiarize the future business and professional

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man with the fundamental principles of the law of contracts, negotiable instruments, agency, partnership, corporations, sales, investments, insurance, bailments, real and personal property. Text book, reading of cases, reports, daily written problems, class discussions. Open to all classes.

8. PRINCIPLES OF ACCOUNTING. While technical in method this course aims at the interpretation of accounts rather than at the training of accountants. The interpretation of balance sheets and their relations, capital and operating expenses, including the principles of valuation and scientific bookkeeping are studied experimentally. This course assumes that the student has no previous familiarity with modern bookkeeping. Open to all classes.

9. BUSINESS ORGANIZATION. A study of modern business management from the point of view of commercial efficiency. The organization of production, location, planning and lay-out of industrial establishments, scientific management as applied to purchase, sale, employment, and factory management in general. The principles of office organization, sales and credit organization. The function of the scientific engineer and the relations of the efficiency expert to modern business.

A lecture course involving a large amount of collateral reading, private investigation of commercial and manufacturing establishments, planning and charting, and the preparation of a research essay. Open to all classes.

10. SALESMANSHIP, CORRESPONDENCE AND ADVERTISING. The principles of scientific efficiency ascer-

All courses three hours unless otherwise stated.

tained in Course 9 are applied to specific problems in marketing. The psychology of salesmanship, the rhetorical and logical principles of effective letter writing, the psycho-economic function of advertising as a business force are studied by lecture, reading and example. The student is expected to prepare a carefully worked out selling campaign of a definite commodity as the result of his research study. Prerequisite Course 9. Open to all classes.

SOCIOLOGY

11. INTRODUCTION TO THE STUDY OF SOCIETY. An application of the process concept to the forms of human association. The biological and psychological foundations of associated behavior are studied by means of a cursory survey of the family in its genetic and social aspects and the problems arising from the functioning of race, oppression and ignorance are surveyed. Text book, collateral reading and research essay. Not open to Freshmen or Sophomores.

12. THE CITY. A study of the social, political and economic functioning of urban groups. A lecture course with collateral reading, reports and a research essay. Given 1916-17. To be given 1919-20.

14. THE RURAL COMMUNITY. A survey of the physical, economic, and social conditions of life in the country. The problem of scientific agriculture as a profession, agricultural population, education and religion is given special attention. A lecture course, with collateral reading and the preparation of a research essay. Not open to Freshmen or Sophomores. It is desired, though not required, that students electing this course have taken either 1 and 2, or 11.

Odd numerals indicate first semester; even numerals second semester.

16. **PHILANTHROPY.** Studies in the nature, origin and relief of dependent, defective and delinquent classes. A program of social prophylaxis. This course does not aim at the specific training of "social workers," but has for its purpose rather the kind of survey of social pathology which is necessary to a cultured gentleman as a guidance in his social relations to the unfortunate and undesirable. Same conditions as 14.

MENTAL AND MORAL PHILOSOPHY

1. **LOGIC AND ETHICS.** The fundamental principles of deductive and inductive Logic are covered during the first half of the semester and a general survey of the problems and methods of Ethics occupy the remainder of the time. Creighton and De Laguna are used as handbooks supplemented by lecture and discussion. Elective for Juniors and Seniors. **PRESIDENT PEIRCE.**

2. **PSYCHOLOGY.** The course in Psychology consists of one lecture and two recitations each week. Witmer's *Analytical Psychology* is used as a text-book, while in the lectures an effort is made to correlate the views of the older schools of psychologists with the recent views of Loeb, Jennings, etc., concerning the dynamics of living matter. Elective for Juniors and Seniors. **PROFESSOR WALTON.**

3. **HISTORY OF PHILOSOPHY.** A brief but systematic and critical outline of Ancient, Mediæval and early Modern Philosophy is presented. The text used is Thilly, *History of Philosophy*. Elective for Juniors and Seniors. Alternate years. **PRESIDENT PEIRCE.**

4. **METAPHYSICS.** On the foundation furnished by Course 3 a more thorough study of particular systems

of Philosophy is pursued. The critical philosophy of Kant and the present situation in philosophy are given special attention. Course 3 prerequisite. Elective for Juniors and Seniors. Alternate years. Offered in 1919-20. PRESIDENT PEIRCE.

THE BIBLE

PROFESSOR SMYTHE

1. INTRODUCTION TO THE BIBLE. The student is given a good deal of information regarding the composition of the books of the Bible, their transmission, the canon, textual criticism, translations, etc. In the latter part of the semester the history of the Hebrew people is studied in outline. One hour a week. Required of Sophomores.

2. THE LIFE OF OUR LORD. An effort is made to present to the student a clear picture of the Master, His character, ideals and work. The Gospel according to St. Mark is the basis of this study. One hour a week. Required of Sophomores.

4. THE RELIGION OF ISRAEL. An introductory course. Kent's Historical Bible is used, lectures are given, and a considerable amount of outside reading is required. Elective for Juniors and Seniors. Alternate years. Offered in 1919-20.

6. THE ETHICAL TEACHING OF JESUS CHRIST. A study of the principles enounced by Christ, and of their application to modern conditions and problems. Elective for Juniors and Seniors. Alternate years. Offered in 1918-19.

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MILITARY TRAINING

LIEUT.-COLONEL BOUGHTON

By action of the War Department a Unit of the Reserve Officers' Training Corps was in January, 1919, established at Kenyon College. The regular course extending over four years as described in General Orders No. 49 will be offered to students,—instruction, uniforms and equipment being furnished at the expense of the Federal Government. Freshmen and Sophomores devote three hours a week to the work of the Department while approved Juniors and Seniors who give five hours a week to the work will receive in cash from the Government commutation of subsistence at the rate of 40 cents a day. To students recommended for proficiency by the Commandant an equitable amount of credit toward graduation will be given each semester.

By special resolution of the Board of Trustees passed in June, 1918, military training is required of all students until June, 1919. For the Spring Term of 1919 this requirement includes three hours a week of which two hours are devoted to practical work and one hour to theoretical instruction. During the coming summer announcement will be made as to the requirement for 1919-1920.

Students in the Military Department who desire to qualify as marksman, sharpshooter or expert with the military rifle may join the College Rifle Club, thus securing privileges of indoor and outdoor ranges and receiving 120 rounds of Krag ammunition a year. This amount provides practice at 200 yards, slow fire, and at 300 and 500 yards, deliberate fire. Shooting is done under the rules of the War Department.

All courses three hours unless otherwise stated.

LECTURES TO FRESHMEN

During the first two or three months of the college year weekly lectures are given to new students by the President of the College. The main problems of College life and work are discussed with an exposition of College rules. Five or six lectures on the history of Kenyon College terminate the course.

GENERAL INFORMATION

MATRICULATION

Each student on entering College is assigned to a member of the Faculty who acts as his special adviser in all matters pertaining to his College work and life.

A student is admitted to matriculation when he has sustained a satisfactory probation, as described on page 36. Matriculation gives accredited membership in the Institution, entitles the student to an honorable dismissal and is essential to his obtaining a degree. The public exercise of matriculation occurs shortly after Thanksgiving recess. Each student then signs the following obligation:

We, the subscribers, undergraduates of Kenyon College, being now admitted to the rite of matriculation, do promise, each for himself:

1. That we will faithfully observe and obey the laws and regulations of the College, and all authoritative acts of the President and Faculty, so long as we are connected with the College; and as far as may be in our power, on all occasions we will give the influence of our good example and precept to induce others in like circumstances to do the same.

2. As faithful sons of Kenyon College, we will render to her as our Alma Mater, at all times and on all occasions, due honor and reverence, striving to promote her welfare by all proper means, and abstaining carefully from all things that may tend to impair her influence or limit her usefulness as a seminary of learning.

BACCALAUREATE DEGREES

The degrees of Bachelor of Arts, Bachelor of Philosophy and Bachelor of Science are conferred upon the completion of the classical, philosophical, and scientific courses respectively.

Final Honors

Honors at graduation are conferred in the order of rank upon students whose average grade for the entire course is $1\frac{1}{2}$ or higher. The names of honor men are announced at the Commencement exercises and are printed in the annual catalogue.

Students are graded in all subjects on the scale of 5, 1 standing for the highest rank or excellent work. A grade of 3 is required for passing. When the average of all marks for the college course yields a result of $1\frac{1}{2}$ or less, graduation honors are awarded.

For a grade of 1 in any course an extra credit of one-sixth is allowed; thus, a grade of 1 in a three-hour course counts $3\frac{1}{2}$ hours toward graduation.

The Phi Beta Kappa Society

At seventy-one American colleges and universities chapters of the Phi Beta Kappa Society are at present established. The society was organized to encourage and to recognize excellence in scholarship, and high standing is an essential condition for admission. The fraternity established the Beta Chapter of Ohio at Kenyon College in 1858. Undergraduates may be elected at the end of the Junior and of the Senior year.

THE DEGREE OF MASTER OF ARTS

Graduates of Kenyon College, or of some other institution of equal standing, pursuing non-technical or non-professional courses in any accredited institution of learning, may be admitted as candidates for the degree of Master of Arts by vote of the College Faculty. Each candidate shall be assigned to the oversight of some member of the College or Seminary Faculty, who shall be director and judge of his work. This work shall consist of courses of graduate study closely

related to the work comprised in the curriculum of Kenyon College and equivalent in amount to the studies of a full college year of fifteen hours per week, and shall include the completion and presentation of a thesis embodying the results of this work. This thesis shall be presented not later than May 15, and must be approved by the Director and two other members of the Faculty.

The fee charged for the Master's degree is \$25.00, of which \$20.00 must be paid on admission as candidate and \$5.00 accompanying transmission of the thesis.

This degree may be also conferred *honoris causa* upon men of good attainments in literature, science, history or philosophy, who shall submit theses or essays or published works indicative of such attainments.

Further, this degree may be conferred on graduates of Bexley Hall who are graduates of Kenyon College or of some other institution of equal standing, who shall fulfill the requirements regarding the thesis as stated above and shall accompany the transmission of the same with the payment of the fee of \$5.00.

HOODS

The American intercollegiate system of academic costume has been adopted. For the Bachelor's degree the hood is black in color and not exceeding three feet in length. It is of the same material as the gown and lined with mauve silk, the College color. The binding or edging, not more than six inches in width, is distinctive of the faculty to which the degree pertains, as follows: Arts, white; Theology, scarlet; Law, purple; Philosophy, dark blue; Science, gold yellow. The hood for the Master's degree is the same shape as the bachelors but one foot longer. The Doctor's hood is of the same length as the Master's, but has panels at the sides.

EXAMINATIONS

Final examinations are held at the end of each semester and cover the work of the half year.

Students are required to take final examinations in all subjects. Any student absenting himself from such examinations is required to repeat the subject in class and is not allowed to make it up by examinations.

Since 1901 all examinations have been held under an honor system, which has achieved excellent results. The following resolutions adopted by joint action of students and faculty describe the system:

Resolved, That, subject to confirmation by the Faculty and the Assembly, all examinations, whether original or conditional, and all tests and written lessons shall be conducted in accordance with the principles of the Honor System; and,

That the Honor System shall be conducted as follows:

1. A committee of seven men, representing each division of the student body and made up of three Seniors, two Juniors, one Sophomore and one Freshman, shall be elected at the first Assembly meeting of each year.

2. The duties of the committee shall be (a) to draw up rules to govern the examinations of each year; (b) to investigate any case of suspected violation of the principles of the Honor System, and to recommend to the Faculty for expulsion any student found guilty of such violation.

3. No instructor shall remain in the room where examinations, tests, or written lessons are being held, unless by special request of the class; and,

That every student taking work in the College shall sign the following honor pledge, which shall be binding at all examinations, tests, or written lessons, to-wit:

(Pledge.) In view of the introduction of the Honor System of examinations I pledge myself to support that system to the utmost of my ability, and not only myself to act in accordance with what I conscientiously believe to be its spirit, but also to encourage others to do the same and strongly to discountenance any violation of it.

CONDITIONS

A student whose grade falls below the passing standard of 3, and is expressed by the mark of 4, is given an opportunity to remove the condition by passing another examination. Failure to pass this examination deprives the student of credit in the subject.

This examination for the removal of conditions is held not later than the middle of the following semester.

RELIGIOUS SERVICES

Morning prayers are said daily in the College church. The Holy Communion is celebrated every Sunday at half past seven in the morning and also at half past ten on the first Sunday of the month. On Saints' Days the Holy Communion is celebrated at a quarter past nine in the morning. The choir is composed of College students.

Students are required to be present at Morning Prayers every day and at the Church services on Sunday morning and the chief Holy Days.

Every absence from or tardiness at Morning Prayers gives one mark for absence, and every absence from or tardiness at a Church service at which attendance is required gives two marks. A student is allowed thirty-five marks a semester, and is suspended for the remainder of the semester if he exceeds that number. No application for excuse on any ground whatever is received from the student.

DISCIPLINE

Regularity in the performance of all College duties is insisted upon, and any student who persistently neglects his work is required to leave College.

The Faculty reserves the right to suspend or remove any student whenever it believes that the interests of the College require such action.

A committee of Seniors elected by the student body assumes the responsibility of maintaining discipline in the College dormitories. It is the duty of this committee to preserve good order and to enforce the rule of Trustees and Faculty which strictly forbids the keeping of intoxicating liquor on the College premises. The committee holds frequent meetings and meets once a month with the President of the College.

EXPENSES

The necessary expenses of a student including table board, laundry, books and all College fees amount as a rule to between one hundred and fifty to two hundred dollars for each semester. A list of the College fees follows:

Entrance fee	\$ 5 00
Tuition, per annum.....	100 00
Incidental fee, per annum.....	10 00
Library and Reading Room, per annum.....	3 00
Gymnasium fee, per annum.....	3 00
Room rent, per annum.....	\$20 00 to 50 00
Heat, per annum.....	15 00 to 40 00
Diploma fee	5 00

For laboratory courses in the departments of chemistry, physics and biology, a fee of \$5.00 a semester is charged.

Each student must keep on deposit with the Treasurer \$5.00 as security for damages. Any balance is returned at the close of the year.

College dues are payable in two equal installments, one of which is due near the beginning of each semester. The following rule of the Board of Trustees regulates the payment:

All students are required to pay their term bills in advance. Any student whose term bill shall not have been paid within two weeks after the date of its issue from the Treasurer's office will be suspended from all College privileges until payment has been made. If the bill shall remain unpaid at the end of the semester, the suspension will become final.

DORMITORY ROOMS

Old Kenyon and Hanna Hall, the College dormitories, are handsome, convenient buildings, with the most modern systems for heating and plumbing. The charge for rent and heat varies from \$1 to \$2 a week. The rooms are heated by steam and are finished in hard-wood. Furniture must be provided by the student.

All students room in the College dormitories except upon special permission from the President. Rooms are assigned from the President's office.

New students should apply for rooms at least several weeks before the opening of the College year.

Second-hand furniture can often be bought to advantage from students who are leaving College, or through the Superintendent, John Parker, to whom inquiries for furniture should be addressed.

THE COLLEGE COMMONS

By the co-operation of Trustees and Alumni a College Commons was opened in 1912. Gifts in June, 1915, from Samuel Mather, David Z. Norton, James H. Dempsey and William G. Mather provided for the enlargement and improvement of the Commons building. Dining and lounging-rooms are now ample and attractive and the entire equipment is thoroughly modern. The Commons furnishes excellent board at cost and provides a ground of meeting for all of the men in College.

All students are required to pay a Commons fee of \$35 a semester. The price of board in addition to this fee is \$4 a week, payable strictly in advance.

By action of the Board of Trustees all students receiving scholarship concessions of any kind whatever are required to board at the Commons.

STUDENT ORGANIZATIONS

The literary societies, the Philomathesian, founded in 1827, and the Nu Pi Kappa, founded in 1832, are actively maintained. Weekly meetings are held by both societies, and one or more debates with other colleges are arranged each year. Interest is further stimulated by the inter-society debates for the Stires Prizes. By gifts from the Alumni, the society rooms in Ascension Hall are handsomely finished in carved oak, with beamed and paneled ceilings and elaborate window and door casings.

The student publications are the *Collegian*, which appears three times a month during the college year, and the *Reveille*, published annually by the Junior class.

The management of all athletic, musical, dramatic and other interests is vested in the Kenyon College Assembly, the corporate organization of the student body.

REGISTER OF STUDENTS

Winter and Spring Terms, 1918-1919

SENIOR CLASS

- JOSEPH EMERSON CARTER, *Philosophical*. .15 W. D., Old Kenyon
Cleveland
- TODD MEARL FRAZIER, *Philosophical*. 31 M. D., Hanna Hall
Lakewood
- RAYMOND JAMES HARKINS, *Philosophical*. Bexley Hall
Cuyahoga Falls
- HAROLD FREDERICK HOHLY, *Philosophical*. Bexley Hall
Toledo
- BRYANT CHAMBERS KERR, *Philosophical*.
Centerburg
- CARTER SMART MILLER, *Philosophical*. . .13 N. D., Hanna Hall
Bay City, Mich.
- ARTHUR BENJAMIN PARKER, *Philosophical*.
Gambier
- EDGAR BARTON READ, *Scientific*. 11 M. D., Hanna Hall
Salem
- GEORGE BENJAMIN SCHNEIDER, *Philosophical*.
31 M. D., Hanna Hall
Hartland, Wis.
- PAUL FEHR SEIBOLD, *Scientific*. 51 W. D., Old Kenyon
Mt. Vernon
- JOHN LLOYD SNOOK, *Scientific*. 40 W. W., Old Kenyon
Troy
- FRANCIS WHARTON WEIDA, *Scientific*. . .18 N. D., Hanna Hall
Gambier

JUNIOR CLASS

- RALPH NELSON ANDREWS, *Philosophical*. .31 W. D., Old Kenyon
Huntington, W. Va.
- GEORGE LOUIS BRAIN, *Classical*. 57 N. D., Hanna Hall
Springfield
- HENRY SMITH DOWNE, *Philosophical*. N. D., Hanna Hall
Gambier

JAMES HENRY GREGG, <i>Philosophical</i>	22	E. W., Old Kenyon Minneapolis, Minn.
LELAND CECIL GUNN, <i>Philosophical</i>	45	E. D., Old Kenyon Toledo
ROMAYNE BRADFORD HILL, <i>Philosophical</i> ..	56	W. D., Old Kenyon Tacoma, Wash.
THOMAS MABLEY, <i>Classical</i>	33	W. D., Old Kenyon Winslow, Ark.
JAMES HERBERT McMURRAY, <i>Philosophical</i> ..	2	S. D., Hanna Hall Marion
EDWARD BENJAMIN PEDLOW, <i>Philosophical</i> ..	22	S. D., Hanna Hall Ravenna
JOHN FRANCIS SANT, <i>Classical</i>	21	S. D., Hanna Hall Gambier
HAROLD GRAHAM WALTON, <i>Scientific</i>		E. W., Old Kenyon Gambier

SOPHOMORE CLASS

JOHN WILLIAM ANGER, <i>Classical</i>	5	S. D., Hanna Hall Trenton
JOHN FALKNER ARNDT, <i>Classical</i>	38	N. D., Hanna Hall Philadelphia, Penna.
LEWIS J. BAILEY, <i>Philosophical</i>	59	W. W., Old Kenyon Sault Ste. Marie, Mich.
LANE WICKHAM BARTON, <i>Classical</i>		S. D., Hanna Hall Norwalk
AARON CHARLES BENNETT, <i>Classical</i>	27	M. D., Hanna Hall Sharon, Penna.
WALTER BENNETT, <i>Scientific</i>	49	M. D., Hanna Hall Sharon, Penna.
BYRON COLEMAN BIGGS, <i>Philosophical</i>	53	W. D., Old Kenyon Gambier
JAMES FOSTER BRANCH, <i>Philosophical</i>	25	S. D., Hanna Hall Akron
ISAAC CURTIS BREWER, <i>Philosophical</i>	60	W. W., Old Kenyon Sandusky
DAVID LEE CABLE, <i>Scientific</i>	45	E. D., Old Kenyon New Philadelphia

- WILLIAM LARWILL CARR, *Scientific*.....41 E. W., Old Kenyon
Mansfield
- ALBERT SPENCER DANES, *Philosophical*...38 N. D., Hanna Hall
Patchogue, N. Y.
- WILLIAM COTTON TYHURST DAVIS, *Philosophical*.....
37 N. D., Hanna Hall
Youngstown
- WILLIAM GREGG GEHRI, *Classical*.....49 M. D., Hanna Hall
Sandusky
- WILLIAM WALLACE GRAHAM, *Scientific*...41 S. D., Hanna Hall
East Cleveland
- KENNETH MERCER HARPER, *Philosophical*..41 E. W., Hanna Hall
Mt. Vernon
- LESTER CARSON KILGORE, *Philosophical*...26 E. D., Old Kenyon
St. Paul, Minn.
- LOUIS DEAN KILGORE, *Philosophical*.....25 E. D., Old Kenyon
St. Paul, Minn.
- JOHN MARSHALL KNOX, *Philosophical*...22 E. W., Old Kenyon
Lima
- LAD EDWARD KREJCI, *Philosophical*.....27 E. D., Old Kenyon
Cleveland
- OSCAR ADAIR LASHLEY, *Scientific*.....11 M. D., Hanna Hall
Steubenville
- EDWARD DAVIS MAIRE, *Philosophical*....21 E. W., Old Kenyon
Grosse Point, Mich.
- SAMUEL LEWIS MARTIN, *Classical*.....31 W. D., Old Kenyon
Marion
- PAUL RUSSELL MAXWELL, *Classical*.....5 S. D., Hanna Hall
Mansfield
- DONALD CHARLES MELL, *Philosophical*...22 S. D., Hanna Hall
Akron
- HENRY RUBENS MOSSER, *Classical*.....32 W. D., Old Kenyon
Chicago, Ill.
- JAMES OLDS, *Classical*.....52 W. D., Old Kenyon
Mt. Gilead
- EVERETT TOWLE PERRIN, *Philosophical*...59 W. W., Old Kenyon
Cleveland

- WILLIAM GALE PFLUM, *Philosophical*.....48 E. D., Old Kenyon
Dayton
- WILBUR EVERETT POSTLE, *Scientific*.....14 N. D., Hanna Hall
Shepard
- FRANZ EDWARD PHILIP SCHNEIDER, *Philosophical*.....
8 M. D., Hanna Hall
Hartland, Wis.
- JOHN GOODWIN SCHWARTZ, *Philosophical*..47 E. D., Old Kenyon
Dayton
- ALDEN SEITZ, *Philosophical*.....48 E. D., Old Kenyon
Sandusky
- HERMAN SUKER SIDENER, *Philosophical*..31 M. D., Hanna Hall
Steubenville
- WILLIAM JAMES STEWART, JR., *Scientific*..58 N. D., Hanna Hall
Kansas City, Mo.
- EVERETT BAILEY TAYLOR, *Philosophical*..33 N. D., Hanna Hall
Miamisburg
- LESLIE EARL TREAT, *Scientific*.....14 N. D., Hanna Hall
Cuyahoga Falls
- HORACE CHARLES VOKOUN, *Philosophical*..28 E. D., Old Kenyon
Cleveland
- RANDOLPH STOUGH YERXA, *Philosophical*..39 W. W., Old Kenyon
Minneapolis, Minn.
- GEORGE IKIRT ZOLLINGER, *Scientific*.....54 W. D., Old Kenyon
East Liverpool

FRESHMAN CLASS

- MALCOLM BODINE ADAMS, *Scientific*.....M. D., Hanna Hall
Gambier
- ALBERT BERNSTEIN, *Philosophical*.....33 W. D., Old Kenyon
Lima
- ARTHUR FERNANDO BILLOW, *Scientific*...41 S. D., Hanna Hall
Akron
- THEODORE BLISS, *Philosophical*.....21 E. W., Old Kenyon
Sandusky
- HAROLD KING BOSTWICK, *Philosophical*...55 W. D., Old Kenyon
Chardon

- RICHARD HOWE BOSTWICK, *Philosophical*...55 W. D., Old Kenyon
Chardon
- CHARLES KING BRAIN, *Scientific*.....13 N. D., Hanna Hall
Springfield
- EDGAR ARTHUR BROWN, *Philosophical*.....2 S. D., Hanna Hall
Cleveland Heights
- SHANNON DOUGLAS BUNTIN, *Philosophical*.....
21 S. D., Hanna Hall
Terre Haute, Ind.
- LOUIS PAUL CARABELLI, *Scientific*.....30 E. D., Old Kenyon
Norwalk
- JACK WELKER CHENEVERT, *Scientific*....17 W. W., Old Kenyon
Toledo
- ROBERT ZENT CHEW, *Philosophical*.....22 S. D., Hanna Hall
Fredericktown
- CLARENCE JOHN DE BOER-CUMMINGS, *Philosophical*.....
10 E. D., Old Kenyon
Royal Oak, Mich.
- THOMAS AUGUSTUS EGGERT, *Scientific*.....6 E. D., Old Kenyon
Norwalk
- JOHN FRANCIS GORSUCH, *Scientific*.....E. W., Old Kenyon
Gambier
- CHARLES ADAM GRAHAM, *Philosophical*...12 E. D., Old Kenyon
Cleveland
- DAVID SELSOR GRAHAM, *Philosophical*...60 W. W., Old Kenyon
South Solon
- HARRY FREDERICK GROSSMAN, *Scientific*..59 W. W., Old Kenyon
Toledo
- PAUL REINHOLD HAHN, *Scientific*.....51 W. D., Old Kenyon
Racine, Wis.
- HAROLD HOBSON HALL, *Scientific*.....25 E. D., Old Kenyon
Columbus
- SAMUEL FOSTER HARRIS, *Scientific*.....27 M. D., Hanna Hall
Milwaukee, Wis.
- BENSON HEALE HARVEY, *Classical*.....45 E. D., Old Kenyon
Pittsburgh, Penna.
- ROBERT MILL HEINBUCH, *Philosophical*...8 M. D., Hanna Hall
Cleveland

- FRANCIS HORATIUS HUBBARD, *Scientific* ..25 E. D., Old Kenyon
Piqua
- LAWRENCE WILLIAM KEATING, *Philosophical*.....
47 E. D., Old Kenyon
Lima
- GEORGE COOKE LEA, *Philosophical*.....33 N. D., Hanna Hall
Sandusky
- EDWARD HENRY LEWIS, *Scientific*.....31 M. D., Hanna Hall
Steubenville
- WALKER NEAL LYBARGER, *Scientific*.....
Gambier
- DONALD MACADIE, *Classical*.....11 M. D., Hanna Hall
Bayonne, N. J.
- ROBERT GORDON McMURRAY, *Scientific*.....5 S. D., Hanna Hall
Marion
- PAUL McGRUDER MORRISON, *Philadelphia*..34 E. D., Old Kenyon
Martin's Ferry
- GAVIN WALLACE MOUAT, *Philosophical*....11 M. D., Hanna Hall
Cleveland
- RUSSELL JABEZ NALL, *Philosophical*.....2 S. D., Hanna Hall
Cleveland
- STANLEY RICHARD NIVER, *Scientific*.....54 E. D., Old Kenyon
Norwalk
- CHARLES BATE NORTON, *Scientific*.....41 S. D., Hanna Hall
Cleveland
- FREDERICK PALMER, *Philosophical*.....41 E. W., Old Kenyon
Cleveland
- ROBERT MITCHELL PEARS, *Philosophical*..27 M. D., Hanna Hall
Lima
- ANDERSON WHEELER RALSTON, *Scientific*..31 M. D., Hanna Hall
Martin's Ferry
- HARLEY FRANKLIN REILY, *Scientific*.....37 N. D., Hanna Hall
Toledo
- JOHN PALMER SCHOOLEY, *Scientific*.....56 E. D., Old Kenyon
Zanesville
- NORMAN EDWARD SEVERANCE, *Scientific*..57 N. D., Hanna Hall
Ravenna

JOHN ALFRED SIEBER, <i>Philosophical</i>	34	E. D., Old Kenyon Lima
HERBERT LOUIS STOCK, <i>Philosophical</i>	14	E. D., Old Kenyon Columbus
RUSSELL T. SWANSON, <i>Philosophical</i>	21	S. D., Hanna Hall Oconto, Wis.
LESTER CHALMERS THOMAS, <i>Scientific</i>	8	E. D., Old Kenyon Lima
HARRY BERT VAN DELLEN, <i>Philosophical</i> ..	12	W. D., Old Kenyon Cleveland
JAMES MULFORD WADE, <i>Philosophical</i>	50	E. D., Old Kenyon Akron
LOUIS JAMES WALKER, <i>Scientific</i>	21	E. W., Old Kenyon Akron
ROBERT MALCOLM WARD, <i>Classical</i>	27	E. D., Old Kenyon Huron
LEONARD CRABB WEBBER, <i>Philosophical</i> ..	25	S. D., Hanna Hall East Liverpool
JOHN CYRUS WILLIAMS, <i>Scientific</i>	5	E. D., Old Kenyon Lima
WILLIAM DIDYMUS WILLIAMS, <i>Philosophical</i>		17 W. W., Old Kenyon London
WILLIAM PARR WISEMAN, <i>Philosophical</i> ..	41	E. W., Old Kenyon Lancaster
HENRY CUTLER WOLFE, <i>Philosophical</i>	39	W. W., Old Kenyon Coshocton
CARL ADOLPH WUERFEL, <i>Philosophical</i>	60	W. W., Old Kenyon Toledo

SPECIAL STUDENTS

MARIE GEORGE ANDRÉ BENETEAU.....	20	W. W., Old Kenyon Paris, France
GUONG HEUK DIONG.....		Bexley Hall Foochow, China
JOHN MAGNUS JERPE.....	6	E. D., Old Kenyon Norwalk

SHELLEY BRYANT JONES.....	39	W. W., Old Kenyon Marquette, Mich.
ALBAN JULES CHARLES LOUGE.....	20	W. W., Old Kenyon Aire, Landres, France
RICHARD WILLIAMS MAXWELL, PH.B.....	41	S. D., Hanna Hall Mansfield
FRANCIS PROPHET PLATE.....	47	E. D., Old Kenyon Lima
GLENMORE SEALTS.....	10	E. D., Old Kenyon Lima
EUGENE AARON WEBBER.....		Bexley Hall Morgantown, N. C.

Seniors	12
Juniors	11
Sophomores	40
Freshmen	55
Special Students	9
Total.....	127

KENYON COLLEGE UNIT STUDENTS' ARMY TRAINING CORPS

STAFF

SCEARLE M. BREWSTER
FIRST LIEUT., INFANTRY, U. S. A.
Commanding Officer

LAWRENCE B. MAPLES DEN
SECOND LIEUT., INFANTRY
Personnel Adjutant

JOHN J. KINDEL
SECOND LIEUT., INFANTRY
Rifle Instructor

JESSE C. WILLIAMS
SECOND LIEUT., INFANTRY
Assistant Rifle Instructor

ROSTER ENLISTED MEMBERS

JOHN EARL ACKERMAN.....	Mt. Vernon
JOHN WILLIAM ANGER.....	Trenton
JOHN FALKNER ARNDT.....	Philadelphia, Pa.
LEWIS JAMES BAILEY.....	Sault Ste. Marie, Mich.
SIMON HENRY BAIR.....	Mt. Vernon
BARNES M. BANKS.....	Mansfield
MAX BARKAN	Toledo
AARON CHARLES BENNETT.....	Sharon, Penna.
WALTER BENNETT.....	Sharon, Penna.
BYRON COLEMAN BIGGS.....	Gambier
FRANK LESLIE BIGGS.....	Gambier
LUKE BURDELL BIGGS.....	Mt. Vernon
ARTHUR FERNANDO BILLOW.....	Akron
CHARLES H. BITZER.....	Toledo
CLYDE RONALD BLACK.....	Mt. Vernon
THOMAS LOWE BOGARDUS.....	Mt. Vernon
HAROLD KING BOSTWICK.....	Chardon
RICHARD HOWE BOSTWICK.....	Chardon
ARTHUR LAWRENCE BOYD.....	Sharon, Penna.

CHARLES KING BRAIN.....	Springfield
JAMES FOSTER BRANCH.....	Akron
ISAAC CURTIS BREWER, JR.....	Sandusky
FREDERICK ORR BROOKS.....	Rochester, N. Y.
EDGAR ARTHUR BROWN.....	Cleveland Heights
CLARENCE PERCIVAL BROWNE.....	Mt. Vernon
FRANK S. BRUSH.....	Zanesville
DAVID LEE CABLE.....	Akron
LOUIS PAUL CARABELLI.....	Norwalk
WILLIAM LARWILL CARR.....	Mansfield
CLAIR S. CHAMBERLAIN.....	Wauseon
PAUL THOMAS CHASE.....	Mt. Vernon
ROBERT ZENT CHEW.....	Fredericktown
MORLEY T. CLOCK.....	Cleveland
GORDON STEWART CRAWFORD.....	Oak Park, Ill.
KENNETH L. CRON.....	Piqua
ALBERT SPENCER DANES.....	Patchogue, N. Y.
JOHN HAMILTON DAVIES.....	Venedocia
WILLIAM COTTON TYHURST DAVIS.....	Youngstown
FRED BONNER DECHANT.....	Richmond, Ind.
EDWIN CHARLES DEVAULT.....	Mt. Vernon
HOMER J. DICKSON.....	Zanesville
LAMBERT MCCHESENEY DOOLITTLE.....	Huntington, W. Va.
RUSSELL ELLWOOD DRAKE.....	Akron
THOMAS A. EGGERT.....	Norwalk
RALPH LLOYD FARLEY.....	Wauseon
CHARLES NICHOLAS FORSTER.....	East Liverpool
WILLIAM JOHN GEIL.....	Piqua
CARL STANBERY GEIS.....	Zanesville
CLIFFORD DEWEY GERINGER.....	Wauseon
JOSEPH H. GLASSER.....	Cleveland
FRANK CUNNINGHAM GOLDING.....	Erie, Penna.
CHARLES ADAM GRAHAM.....	Cleveland
DAVID SELSOR GRAHAM.....	South Solon
WILLIAM WALLACE GRAHAM.....	East Cleveland
RUBY GREENBERG	Cleveland
WILLIAM WALTER GREULICH.....	Columbus
HARRY F. GROSSMAN.....	Toledo
PAUL REINHOLD HAHN.....	Racine, Wis.
HAROLD HOBSON HALL.....	Columbus
IRA B. HAMILTON.....	Norwalk

KENNETH MERCER HARPER.....	Mt. Vernon
SAMUEL FOSTER HARRIS.....	Milwaukee, Wis.
ROBERT MILL HEINBUCH.....	Cleveland
GEORGE C. HEITZ.....	Mansfield
WILLIAM ANDREW HENDERSON.....	Zanesville
WILLIAM FRANKLIN HIGGINS.....	Linden Heights
ARTHUR RICHARD HOFFMAN.....	Lima
ALBERT C. HOFMAN.....	Mt. Vernon
EVAN ALFRED HOLLEY.....	Martin's Ferry
FRED ALFRED HOYT, JR.....	Norwalk
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EARLE LOVELL JENKINS.....	Cleveland
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JOHN MAGNUS JERPE.....	Norwalk
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MILES HOWARD MEREDITH.....	Fredericktown
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SUMMARY

Enlisted Members	180
Enrolled Members	14
Total.....	194

THE NINETIETH COMMENCEMENT

SUNDAY, JUNE 16

Morning Service—Sermon by the Rev. William H. Dewart, '87 A.B., Boston, Mass. Ordination to the Diaconate by the Bishop of Ohio.

Evening Service—Baccalaureate Sermon by the Rev. William F. Peirce, L.H.D., D.D., President of Kenyon College.

MONDAY, JUNE 17

COMMENCEMENT EXERCISES

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WILLIAM VINCENT MUELLER, '18

ALUMNI ORATOR

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Editor, The New York Herald

HONOR MEN

LUTHER HEISLER TATE, *First*
MARION DREXEL DOUGLASS, *Second*
THOMAS WETZLER WISEMAN, *Third*
CLIFTON KINGSLEY LOOMIS, *Fourth*

DEGREES CONFERRED

JUNE 17, 1918

BEXLEY HALL

CERTIFICATE OF GRADUATION

(Without Hebrew)

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KENYON COLLEGE

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MARION DREXEL DOUGLASS
WILLIAM VINCENT MUELLER
LUTHER HEISLER TATE

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ROBERT LEE BAIRD

MASTER OF ARTS

EDWARD RYANT DYER, '06 A.B.
In Absentia, Wusih, China
THE REV. WILLIAM A. GRIER, '97 B.S.
YOSHIHARU MINEO, A.B.
LUTHER HEISLER TATE, '18 A.B.
PAUL ASHLEY WEST, '12 A.B.

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Cleveland

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PUBLICATIONS

The Kenyon College Bulletin is issued quarterly by the College. Numbers include catalogues of the collegiate and theological departments, alumni address lists and accounts of proceedings at Commencement. Copies may be obtained on addressing the office of the President.

The Kenyon Book, edited by the late President of Kenyon College, the Rev. William B. Bodine, D.D. This octavo volume of over 400 pages contains a large amount of interesting and important historical matter and is illustrated with numerous views. Copies can be obtained on remitting \$1.50 to the Treasurer of Kenyon College.

Songs of Kenyon. Alfred K. Taylor, '06, Editor. This volume contains about 150 songs distinctive of Kenyon College, most of which were composed by Kenyon men. This book is handsomely gotten up and contains a number of attractive views of the College buildings. Copies can be obtained on remitting \$2.00 to the Treasurer of Kenyon College.

The Reveille is the annual publication of the student body. The business manager of the '19 Annual is John Francis Sant, '20.

919/20

KENYON COLLEGE BULLETIN

NUMBER 64

THE COLLEGE
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1919 -:- 1920



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GAMBIER, OHIO

KENYON COLLEGE BULLETIN No. 64

KENYON COLLEGE CATALOGUE

1919 - 1920



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JANUARY.							FEBRUARY.							MARCH.							APRIL.						
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COLLEGE CALENDAR**1919-1920****FIRST SEMESTER**

Sept. 17—Wednesday Registration of new students, Ascension Hall, 2 P. M. College opens with Evening Prayer at 5.

Sept. 30—Tuesday Bexley Hall opens.

Nov. 1—Saturday All Saints' Day. Founders' Day.

Nov. 24-26—Mon.-Wed ...Mid-semester examinations.

Nov. 27-30—Thurs.-Sun. ..Thanksgiving Recess.

Dec. 17—Wednesday Christmas Recess begins.

Jan. 7—Wednesday College opens with Morning Prayer at 7:45.

Feb. 4—Wednesday Semester examinations begin.

Feb. 9—Monday First Semester ends.

SECOND SEMESTER

Feb. 13—Friday Second Semester begins with Morning Prayer at 7:45.

Feb. 18—Wednesday Ash-Wednesday.

April 1—Thursday Easter recess begins.

April 8—Thursday College opens with Morning Prayer 7:45.

May 13—Thursday Ascension Day.

June 14—Monday Semester examinations begin.

June 21—Monday Ninety-second Commencement.

1920-1921**FIRST SEMESTER**

Sept. 22—Wednesday Registration of new students, Ascension Hall, 2 P. M. College opens with Evening Prayer at 5.

Sept. 28—Tuesday Bexley Hall opens with Evening Prayer at 5.

Nov. 1—Monday All Saints' Day. Founders' Day.

Nov. 22-24—Mon.-Wed. ...Mid-Semester examinations for new students.

Nov. 25-28—Thurs.-Sun. .Thanksgiving recess.

Dec. 22—Wednesday Christmas recess begins.

Jan. 5—Wednesday College opens with Morning Prayer at 7:45.

Feb. 2—Wednesday Semester examinations begin.

Feb. 7—Monday First semester ends.

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TERM EXPIRES

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PROFESSOR MANNING

ORGANIZATION

The institution now known as Kenyon College was incorporated December 29, 1824, under the title of "The Theological Seminary of the Protestant Episcopal Church in the Diocese of Ohio." By a supplementary act of the Legislature, the president and professors of the seminary were empowered to act as the faculty of the college and confer degrees in the arts and sciences.

The original funds for the institution were secured in England in 1823-24 by the Right Rev. Philander Chase, first Bishop of the Episcopal Church in the Northwest territory, two of the principal donors being Lord Kenyon and Lord Gambier. The first students were received at the Bishop's house in Worthington, Ohio, in 1824, and the first constitution was approved by the Convention of the Diocese of Ohio on November 27 of the same year. In 1826, two quarter sections of the United States military lands were secured in Knox County. Building was begun in the following year. The first degrees were conferred under date of September 9, 1829.

In 1891 the corporate title was changed to Kenyon College, the name by which the institution had always been known. The Bishops of Ohio and Southern Ohio preside over the Board of Trustees in alternate years.

SITE

Gambier, the seat of Kenyon College, is a village of about five hundred inhabitants, on the Cleveland, Akron and Columbus Railroad, a little east of the cen-

ter of the State of Ohio, fifty miles from Columbus, five miles from Mt. Vernon and one hundred and twenty miles from Cleveland. The altitude is nearly eleven hundred feet and the site was chosen by Bishop Chase after careful investigation, for natural beauty and healthfulness of climate. The plateau on which the College and village are situated rises about two hundred feet above the valley of the Kokosing river, which flows around it on three sides.

GROUNDS AND BUILDINGS

The original domain of the College comprises about four thousand acres, being a quarter township of the United States Military Reservation of 1795 in Central and Eastern Ohio. Of this domain the College still holds about three hundred and fifty acres including several tracts of woodland. The Ohio Department of Forestry has recently undertaken to develop these forest lands as an exhibit of modern methods of tree culture. Minute surveys have been made and an extensive nursery has been established. Expert supervision is given by the Department to all work that is done on the College domain and it is hoped that in the future the College lands can be used for demonstration in connection with formal courses in forestry.

As Gambier Hill projects into the valley, the College Park commands an extensive view of the fertile, smiling valley of the Kokosing with a background of cultivated hills. The natural charm has been much enhanced by the tasteful arrangement of the grounds. In the Park, which contains over ninety acres and many old forest trees, pains have been taken to combine the effects of lawn and woodland. On this extensive tract the building sites have been carefully

selected, and the broad Middle Path which connects Old Kenyon with Bexley Hall is two-thirds of a mile long.

The College buildings comprise the dormitories, Old Kenyon (1827) and Hanna Hall (1902); Ascension Hall (1859), the recitation and laboratory building; Rosse Hall (1831, rebuilt 1899), the gymnasium and assembly room; the Alumni Library (1910), with which is connected the Stephens Stack Room (1902); the Church of the Holy Spirit (1869), the chapel; Bexley Hall (1839), the theological seminary; Colburn Hall (1904), the theological library; "Cromwell Cottage" (1913), the President's House; "Kokosing" (1865), the stone mansion built by Bishop Bedell, standing in its own extensive park; the various other buildings.

Old Kenyon

Old Kenyon, the cornerstone of which was laid in 1827, as a massive Gothic structure of local sandstone. It is one hundred and sixty feet long, three stories high, with solid stone walls four and one-half feet thick at the basement story. The roof carries battlements and pinnacles and is surmounted by a spire one hundred and ten feet high containing the old College Bell. By an Alumni subscription the bell was recently recast at the Meneely Foundry.

In 1907 Old Kenyon was completely rebuilt on the interior at an expense of over \$75,000, the external appearance remaining unchanged. The walls and roofs were thoroughly repaired and in part rebuilt with the best and most permanent materials so that the building is now unexcelled among college dormitories for strength, comfort and beauty.

Old Kenyon contains rooms for between eighty and ninety students. The interior finish is of Flemish oak of handsome grain with wainscoting in the halls. The staircases have Gothic newel posts and birch hand rails. At all the windows are placed broad window seats of solid oak which cover the steam radiators. Rather more than one-half of the rooms are arranged in suites. The plumbing and heating systems are of the best and most modern type.

Hanna Hall

This dormitory was opened to students in December, 1903. The building is of gray Cleveland sandstone, in Collegiate Gothic style. It is two stories high with gables, measures one hundred and thirty feet long by fifty feet deep, and houses about fifty students. The building is constructed throughout in the best and most substantial way.

The doors and window casings and the wainscoting are of Flemish oak, and the floors of polished hardwood. Heat is furnished by steam boilers. Running water is supplied in every bed-room. In comfort and in elegance of appointment the building has no superior among college dormitories.

Hanna Hall was built in honor of his wife by the late Marcus A. Hanna, United States Senator from Ohio, at a cost of over \$65,000. Charles F. Schweinfurth, of Cleveland, was the architect.

Ascension Hall

Ascension Hall is a stately Collegiate Tudor building of reddish-gray freestone, one hundred and thirty feet long and three stories high. Members of the Church of the Ascension, New York, provided for its

construction in honor of their former rector, Bishop Bedell. It contains the lecture and recitation rooms, the physical, chemical and biological laboratories and workshops, the halls for literary societies, and the offices of the President and Treasurer. The battlemented tower of the building serves as the astronomical observatory. A steam heating plant given by Samuel Mather of Cleveland is installed in the basement and provides for both Ascension and Rosse Halls.

College Chapel

The Church of the Holy Spirit, the College Chapel, was built in 1869, by the Church of the Ascension, New York, as a tribute to their former rector, Bishop Bedell. It is a cruciform edifice of Early English architecture and is built of freestone in courses, with dressed quoins and facings. The nave and chancel are ninety feet, the transepts eighty feet in length. Ivy, transplanted from Melrose Abbey, covers the walls.

The interior of the church is finished in oak, the walls are tastefully illuminated, and all the windows are of stained glass. The organ is a memorial to Bishop McIlvaine, and a mural tablet, erected by the Diocese of Ohio, commemorates the founder of Kenyon College, the Rt. Rev. Philander Chase.

In the church tower is the College clock and a set of nine bells, together with a mechanism which rings the Westminster chimes at the quarter hours.

By the will of the late Mrs. Bedell a fund was established for keeping the church and Kokosing in repair.

Library and Stack Room

Hubbard Hall, the first library building, was burned January first, 1910, but the adjacent stack-room saved

the mass of the library. On its site has been built the spacious and beautiful Alumni Library at a cost of about \$50,000. The principal donors are the Alumni of the College and David Z. Norton, Esquire, of Cleveland, who has given the Reading Room.

In construction the Alumni Library is practically fireproof—floors, partitions and staircases being built of steel and tile. Glenmont sandstone in broken courses with trimmings of Cleveland cut stone forms the exterior walls. Besides working rooms for the Librarian, the Library contains a spacious periodical room, a hall of meeting for the Faculty and Trustees, and two Seminar rooms for class instruction. Built as a part of the Alumni Library is a superb Gothic Reading Room patterned after an English College hall, with stone-mullioned Tudor windows filled with leaded opalescent glass, and with a lofty ceiling carried by richly carved beams and trusses. In honor of the donor, this structure is called Norton Hall.

The books are housed in the Stephens Stack Room, a gift of the late James P. Stephens, '59, of Trenton, N. J. The construction is strictly fireproof, stone, brick, steel, and glass being the only materials used in the building. It provides space for about 50,000 volumes.

The library of 27,500 volumes is catalogued according to the Dewey system and is open throughout the day and evening. The books are unusually well chosen and form an admirable working library for undergraduate students. In history, in biography, and in English, French, and German literature the collections are good, and the mathematical department contains the library of the late John N. Lewis of Mt. Vernon, which consists of some 1,200 volumes. Accessions are

made on the recommendations of the several professors.

The purchase of new books is provided for by several endowments. The Hoffman fund was established by Frank E. Richmond, Esq., of Providence, R. I., for the purchase of new books. In 1901 the James P. Stephens Library Fund of about \$18,000 was founded by James P. Stephens, '59, of Trenton, N. J. By the wish of the donor a considerable part of the income will for the present be devoted to the purchase of classical works in other languages than English. The Klock Fund is devoted to the purchase of books for the Department of English and the Vaughn Fund to the binding of periodicals.

The reading room receives the leading American and English periodicals, and ten or twelve French and German reviews, and is open to students during the library hours.

An additional library of 12,000 volumes, chiefly theological, is housed in Colburn Hall.

Gymnasium

Rosse Hall, the gymnasium and assembly room, is an Ionic structure of sandstone about one hundred by seventy-five feet. Built in 1831 as the College Chapel it was burned in 1897. The reconstruction was provided for by James P. Stephens, Mrs. Julia T. Bedell and other donors, and especially by "The William and Mary Simpson Memorial Fund" given by Mrs. Mary A. Simpson of Sandusky. To the restoration was also applied a bequest of five thousand dollars from Senator John Sherman. The principal hall serves as a gymnasium and assembly hall, and is provided with gymnastic apparatus presented by the Alumni. Shower

baths and dressing rooms with all-steel lockers are supplied in the basement, which also contains a baseball cage.

The athletic grounds are spacious and pleasantly situated. The baseball and football fields lie at the foot of the College hill, where the shaded hillside provides a natural grandstand. The tennis courts near Old Kenyon are excellent. There is a quarter-mile cinder track, and the facilities for general field sport are good.

The Kenyon College Rifle Club, a member of the National Rifle Association, under control of the Board for the Promotion of Rifle Practice of the War Department, maintains two twenty-five yard ranges in the basement of the gymnasium for the use of members practicing with .22 rifles and pistols. All students are eligible to membership, the dues being merely nominal. The out-door range of the Club, where members qualify as marksman, sharpshooter and expert with the Krag rifle at 200, 300, 500 and 600 yards, is within easy walking distance. Weather permitting, practice is held on this range on Wednesday and Saturday afternoons in the spring and fall. All scores are recorded, and certified copies may be obtained by members desiring to enter the Service.

Laboratories

The north end of Ascension Hall, comprising eighteen rooms, is given up to the physical, chemical and biological laboratories. The Bowler Fund makes provision for accessions of apparatus and books.

The Chemical Laboratory occupies eight rooms in addition to the lecture and preparation rooms and museum. The laboratory in general chemistry has been

enlarged and now accommodates sixty students. The laboratories for work in qualitative and quantitative analysis and organic chemistry are smaller but well equipped. There are hoods and balances, with ample store room facilities, and the stock of chemicals and apparatus has been made adequate for work in general, analytical and organic chemistry, including chemical preparations. This laboratory has its own library of four hundred volumes, including standard reference works in several languages, and files of the leading chemical journals. An excellent collection of typical minerals is provided, the latest addition being "The Ratcliff Memorial Collection," the gift of Mr. B. W. Ratcliff of Waukon, Iowa.

The Physical Laboratory, which occupies a part of the first floor and basement of Ascension Hall, is well equipped for experimental work both in the laboratory proper and the lecture room. High grade apparatus is being added continually so as to facilitate as much as possible qualitative class room demonstrations, and in the laboratory, the attainment of precision in measurements. Of the present equipment of the department may be mentioned its electric power plant, which furnishes light for the laboratories and current for experimental work. This outfit consists of a 14 H. P. gas engine, a $7\frac{1}{2}$ K. W. generator, an 80 ampere-hour storage battery of 56 cells, and an elaborate battery distributing switchboard. Alternating current is available from a separate motor generator set.

Other pieces of apparatus worthy of notice are: A 29-inch spark induction coil with its accessories for X-ray work, a large Telsa high tension transformer, a 30,000-pound Riehle machine for testing the strength of materials, and a large number of measur-

ing instruments for use in the study of nearly every branch of Physics.

Several physical journals are taken, and kept on file, and a number of the most recent books on various physical subjects are being added to the general library each year. These have been so selected as to furnish ample material for collateral reading and thesis work.

The Biological Laboratory occupies rooms on the third floor of Ascension Hall. The main room is well lighted from above and contains sixteen Bausch and Lomb compound microscopes, sixteen dissecting microscopes, paraffine bath, incubator, sterilizers and Minot rotary and automatic precision microtomes. Desks and lockers are provided for twenty students.

The department has its own working library, consisting of standard reference books in English, German and French, while additional books needed for advanced work are procured from the Boston Society of Natural History or from university libraries.

MATHEMATICAL INSTRUMENTS

The observatory has a telescope of five and one-fourth inches aperture, the object glass of which was made by Alvan Clark & Son. It is also supplied with a transit of two inches aperture and a sidereal clock. The Department of Astronomy owns a set of Trouvelot astronomical drawings.

The income of the Delano Astronomical Fund is used for the observatory.

For the use of students in surveying, the Department of Mathematics possesses an excellent transit, Y level, plane table, draughting machine, and compass, with the necessary appurtenances.

THE BEDELL LECTURESHIP

A fund of five thousand dollars established by Bishop and Mrs. Bedell provides for biennial lectures on the Evidences of Natural and Revealed Religion, or the Relation of Science to Religion. These lectures are given every second year on Founders' Day, which is celebrated on the Festival of All Saints. The publication of the lectures is provided for.

The following lectures have been delivered:

The Rt. Rev. John Williams, D.D., LL.D., "The World's Witness to Christ." 1881.

The Rt. Rev. Henry Cotterell, D.D., "Revealed Religion in Its Relation to the Moral Being of God." 1883.

The Rt. Rev. Hugh Miller Thompson, D.D., "The World and the Logos." 1885.

The Rev. James McCosh, S.T.D., LL.D., "The Religious Aspect of Evolution." 1887.

The Rt. Rev. David H. Greer, D.D., "The Historical Christ, the Moral Power of History." 1889.

The Rt. Rev. Arthur Cleveland Coxe, D.D., LL.D., "Holy Writ and Modern Thought." 1891.

The Rt. Rev. William A. Leonard, D.D., "The Witness of the American Church to Pure Christianity." 1893.

The Rt. Rev. Boyd Vincent, D.D., "God and Prayer; the Reasonableness of Prayer." 1895.

The Rev. William Reed Huntington, D.D., "A National Church." 1897.

The Rev. Morgan Dix, D.D., D.C.L., "The Supernatural Character of the Christian Religion." 1899.

The Rt. Rev. Henry C. Potter, D.D., D.C.L., "Man, Men, and Their Master." 1901.

The Rt. Rev. William Crosswell Doane, D.D., "Evidence, Experience, Influence." 1903.

The Rt. Rev. Arthur C. A. Hall, D.D., "The Relations of Faith and Life." 1905.

The Rt. Rev. Thomas F. Gailor, D.D., Bishop of Tennessee, "The Christian Church and Education." 1909.

The Rev. George F. Smythe, D.D., "The Shepherd of Israel: A Contribution to the Evidences of Revealed Religion," 1911.

The Rev. George Hodges, D.D., Dean of the Cambridge Divinity School, "The Church in the Fourth Century." 1913.

The Rev. W. H. P. Faunce, D.D., President of Brown University, "The Enlarging Horizon of Church and State." 1917.

The Bedell Lectures for 1919 will be delivered by the Rev. Dr. William T. Manning, Rector of Trinity Church, New York City.

THE LARWILL LECTURESHIP

This fund of ten thousand dollars is the gift of Joseph H. Larwill, Esq., of the class of 1855. The income is available for occasional lectures or for courses of lectures on subjects of general interest. The Founder desires that at least every third year a lecture or a course of lectures, philosophical in tone, shall be delivered on one of these great subjects: "What can I know? What ought I to do? For what can I hope?"

At the discretion of the College Faculty, lectures delivered on the Foundation may be published.

Among the recent occasional lecturers on this Foundation have been Professor Brander Matthews of Columbia University; Hamilton Holt, managing editor of the *New York Independent*; Dr. Svante Arrhenius, of the University of Stockholm; Professor Anatole Lebraz, of the University of Rennes; The Rev. Dr. Reginald J. Campbell, Birmingham, Eng.; Dr. Talcott Williams, Dean of the Pulitzer School of Journalism, Columbia University; William Butler Yeats, Sydney George Fisher, LL.D., Canon James O. Hannay, Wilfred Ward, Eugene Brieux, Lady Gregory, Alfred Noyes, Ambassador Myron T. Herrick, and M. Carlo Liten.

Formal academic courses have been delivered as follows:

Charles W. Eliot, LL.D., President Emeritus of Harvard University, "The Future of Trades Unionism and Capitalism in a Democracy," October, 1909. (G. A. Putnam's Sons.)

The Hon. Theodore E. Burton, United States Senator from Ohio, "Modern Democracy." November, 1911.

George Edward Woodberry, formerly head of the Department

of Comparative Literature at Columbia University, "Two Aspects of Criticism: Creative and Historical." May, 1913.

John W. Burgess, LL.D., formerly Professor of Political Science and Constitutional Law in Columbia University, "The Administration of President Hayes." October, 1915. (Scribner's.)

Professor Irving Babbitt of Harvard University will deliver the next formal course of Larwill Lectures.

THE STIRES PRIZES

Two prizes of \$35 and \$15 respectively, are offered annually by the Rev. Dr. Stires, Rector of St. Thomas' Church, New York, for excellence in debating. The contestants are chosen from the two upper classes and represent the Philomathesian and Nu Pi Kappa literary societies.

THE KING PRIZES

Through the generosity of Mr. Ralph King of Cleveland prizes amounting to \$100 are offered annually to members of the Freshman and Sophomore classes for excellence in writing and in public speaking. A First Prize of \$35 and a Second Prize of \$15 are given to each class, the award being made at Commencement by the Department of English for the work of the year.

SCHOLARSHIP AND BENEFICIARY AID

The charges for tuition and minimum room rent are remitted to the sons of clergymen and to postulants for Holy Orders. Limited appropriations are made to postulants for Holy Orders by the Trustees of the Ethan Stone Fund and by the Joint Education Committee of the Dioceses in Ohio.

All scholarships are held subject to the following regulation of the Faculty: "All students holding scholarships of any kind shall be required to maintain an average grade of two and one-half, to observe reason-

able economy in expenditure, and to refrain from behavior which will subject them to college discipline."

(a) ENDOWED SCHOLARSHIPS.

The Alfred Blake Scholarships, three perpetual scholarships, covering tuition, the gift of Mrs. Alfred Blake, of Gambier.

The French Prize Scholarship, a perpetual scholarship covering tuition in Kenyon College, the gift of Mrs. Robert French, of Gambier, to be awarded to the student of the Preparatory Department standing highest in grade and deportment.

The Austin Badger Scholarship, of \$1,400, founded by bequest of Austin Badger, of Medina, Ohio. The income is to be awarded only to a student preparing for the ministry.

The Nash Scholarships, of \$10,000, founded by bequest of Job M. Nash, of Cincinnati. The income provides for three scholarships of about \$200 each.

The Thomas A. McBride Scholarship, of \$2,000, founded by bequest of Mrs. Mary A. McBride, of Wooster, Ohio, in memory of her son, Thomas A. McBride, of the class of 1867.

The Southard Scholarship, of \$2,500, the gift of Mr. George F. Southard, of the class of 1873. Preference is to be given to a student in regular standing.

The John W. Andrews, Jr., Scholarship, of \$3,000, the gift of Hon. John W. Andrews, of Columbus, Ohio, in memory of his son.

The Carter Scholarship, of \$5,000, the gift of Mrs. Carter, of Albany, New York, in memory of her husband, the Rev. George Galen Carter, S.T.D., of the class of 1864, and his father, the Rev. Lawson Carter, late of Cleveland, Ohio. The income provides for two scholarships and in making appointments preference is to be given to postulants for Orders, especially to such postulants as are sons of clergymen.

The Carnegie Scholarship Fund, of \$25,000, the gift of Andrew Carnegie, Esq. Grants from the income of this fund are made to needy and deserving students for the payment of College bills. Postulants for Holy Orders are ineligible.

The Philo Sherman Bennett Scholarship, of \$500, assigned to Kenyon College by the Hon. William J. Bryan as administrator for Mr. Bennett. The income of this fund is to be given to needy and deserving students.

(b) LOAN FUNDS.

The Curtis Fund, which now amounts to about \$30,000.00.

The late Henry B. Curtis, LL.D., of Mt. Vernon, Ohio, granted to the Trustees of Kenyon College a fund for the aid of meritorious students by loans of money at a low rate of interest. The interest is intended to meet only the risk of death, and is not to be greater than the average rate of life insurance.

The application for a Curtis scholarship must state the applicant's name, residence and age, and his father's name and address. The father or guardian must endorse the application and express his belief that the loan will be repaid at maturity. The Faculty will consider the application to be confidential, and in granting the loan will take into consideration the applicant's character, ability and merit, including his examinations in school and college, and his record for regularity, punctuality and general conduct. The appropriations are made for only a year at a time. The maximum loan for one year is \$150, but for a student's first year \$75. The sum appropriated is paid in two equal parts, one at the beginning of each semester. Upon each payment the student gives his promissory note for the repayment five years from date, with interest at the rate of one and a half per cent.

The Ormsby Phillips Fund, of \$1,000, which was established by Mr. and Mrs. Bakewell Phillips, of Pittsburg, Pennsylvania, to be loaned without interest to a student for the ministry.

(c) THE HIGH SCHOOL SCHOLARSHIPS.

By action of the Board of Trustees, eight scholarships in Kenyon College are offered each year to male graduates of high schools in the State of Ohio. The application must state that the assistance is necessary to enable the student to pursue a course at Kenyon College, and must be signed by both the applicant and his father or guardian. A certificate from the principal of the high school testifying to intellectual proficiency and moral character is also required. The scholarships cover tuition.

ADMISSION

In the following statement the term "Unit" means a course of study of five recitation periods a week continued through a full school year. For entrance to all college courses fifteen such Units are required. The pages immediately following contain a detailed description of the subjects that will be accepted as Units for admission.

TABLE OF REQUIREMENTS FOR ADMISSION

FOR THE CLASSICAL COURSE:

	UNITS
English	3
Mathematics	3
Latin or Latin and Greek.....	4
Other Foreign Language.....	2
History	1
Additional	2
	—
	15

FOR THE PHILOSOPHICAL COURSE:

	UNITS
English	3
Mathematics	3
Foreign Languages	4
History	2
Sciences	1
Additional	2
	—
	15

FOR THE SCIENTIFIC COURSE:

	UNITS
English	3
Mathematics	4 or 3
Foreign Languages.....	3 or 4
History	1
Sciences	2
Additional	2
	—
	16

The following table shows the minimum and maximum amounts which will be accepted in each subject:

	UNITS		UNITS
English	3 or 4	German	1-3
Mathematics	3 or 4	History	1-3
Latin	1-4	Sciences	1-3
Greek	1-3	Drawing	1
French	1-3	Shopwork	1

ENTRANCE SUBJECTS IN DETAIL

ENGLISH

1. **THREE UNITS.** (a) **Reading.** A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject matter, and to answer simple questions on the lives of the authors. On several assigned topics a brief written discussion will be required at the examination. The object is to test the candidate's power of clear, accurate expression, and will call for only a general knowledge of the substance books. In place of a part of this test the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the book. No student will hereafter be admitted without examination except on the presentation of such properly certified exercise book, or of an explicit statement from his instructor of the books read in class and the amount of composition work required. The substitution of equivalent books for those given below will for the present be permitted. In preparation for this part of the requirement it is important that the candidates shall have been instructed in the fundamental principles of rhetoric.

LIST OF BOOKS FOR GENERAL READING

The student selects ten Units, two from each of the five following groups. Each unit is set off by semicolons.

GROUP 1. THE OLD TESTAMENT; comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

GROUP II. SHAKESPEARE. *Midsummer Night's Dream*, *Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*, *King John*, *Richard II*, *Richard III*, *Henry V*, *Coriolanus*, *Julius Caesar*, *Macbeth*, *Hamlet*. If not chosen for study under B.

GROUP III. PROSE FICTION. Malory: *Morte d'Arthur* (about 100 pages); Bunyan: *Pilgrim's Progress, Part I*; Swift: *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe: *Robinson Crusoe, Part I*; Goldsmith: *Vicar of Wakefield*; Frances Burney: *Evelina*; Scott's Novels: any one; Jane Austen's Novels: any one; Maria Edgeworth: *Castle Rackrent, or The Absentee*; Dickens' Novels: any one; Thackeray's Novels: any one; George Eliot's Novels: any one; Mrs. Gaskell: *Cranford*; Kingsley: *Westward Ho! or Hereward, the Wake*; Reade: *The Cloister and the Hearth*; Blackmore: *Lorna Doone*; Hughes: *Tom Brown's Schooldays*; Stevenson's *Treasure Island, or Kidnapped, or Master of Ballantrae*; Cooper's Novels: any one; Poe: *Selected Tales*; Hawthorne: *The House of the Seven Gables, or Twice Told Tales, or Mosses From an Old Manse*. A collection of Short Stories by various standard writers.

GROUP IV. ESSAYS, BIOGRAPHY, ETC. Addison and Steele: *The Sir Roger de Coverley Papers, or Selections from the Tatler and Spectator* (about 200 pages); Boswell: *Selections from the Life of Johnson* (about 200 pages); Franklin: *Autobiography*; Irving: *Selections from the Sketch Book* (about 200 pages), or *Life of Goldsmith*; Southey: *Life of Nelson*; Lamb: *Selections from the Essays of Elia* (about 100 pages); Lockhart: *Selections from the Life of Scott* (about 200 pages); Thackeray: *Lectures on Swift, Addison, and Steele in the English Humorists*; Macaulay: any one of the following essays: *Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederic the Great, Madame d'Arblay*; Trevelyan: *Selections from the Life of Macaulay* (about 200 pages); Ruskin: *Sesame and Lilies, or Selections* (about 150 pages); Dana: *Two Years Before the Mast*; Lincoln: *Selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln*; Parkman: *The Oregon Trail*; Thoreau: *Walden*; Lowell: *Selected Essays* (about 150 pages); Holmes: *The Autocrat of the Breakfast Table*; Stevenson: *An Inland Voyage and Travels With a Donkey*; Huxley: *Autobiography* and *Selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk*; A collection of Essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of Letters by various standard writers.

GROUP V. POETRY. Palgrave: *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave: *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen under *Study*); Goldsmith: *The Traveller* and *The Deserted Village*; Pope: *The Rape of the Lock*; a collection of English and Scottish ballads, as, for example, some *Robin Hood* ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection from later ballads; Coleridge: *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron: *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott: *The Lady of the Lake* or *Marmion*; Macaulay: *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*; Tennyson: *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News From Ghent to Aix*, *Home Thoughts From Abroad*, *Home Thoughts From the Sea*, *An Incident of the French Camp*, *Herve Riel*, *Pheidippides*, *My Last Duchess*, *Up At a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Piper*, “*De Gustibus*”—, *Instans Tyrannus*; Arnold: *Sohrab and Rustum* and *The Forsaken Merman*; selections from American Poetry, with especial attention to Poe, Lowell, Longfellow, and Whittier.

(b) Study and Practice. This part of the examination presupposes the thorough study of each of the works named in this division. The examination will be upon subject matter, form and structure. *In addition the candidate may be required to answer questions involving the essentials of English grammar, and the leading facts in those periods of English history to which the prescribed book belongs.*

LIST OF BOOKS FOR STUDY

This part of the requirement is intended as a natural and logical continuation of the student's earlier reading. Greater stress is laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. For this close reading the books are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA. Shakespeare: *Julius Caesar*, *Macbeth*, *Hamlet*.

GROUP II. POETRY. Milton: *L'Allegro*, *Il Penseroso*, and either

Comus or *Lycidas*; Tennyson: *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III. ORATORY. Burke: *Speech on Conciliation with America*; Macaulay: *Speech on Copyright*, and Lincoln; *Speech at Cooper Union*; Washington: *Farewell Address*, and Webster: *First Bunker Hill Oration*.

GROUP IV. ESSAYS. Carlyle: *Essay on Burns*, with a selection from Burns's Poems; Macaulay: *Life of Johnson*; Emerson: *Essay on Manners*.

2. FOUR UNITS. In addition to the preceding a fourth unit may be offered in English Composition.

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom or division into paragraphs.

An examination in composition will be required of all new students.

MATHEMATICS

1. THREE UNITS. (a) Algebra (one and one-half units), through Simultaneous Quadratic Equations.

(b) Plane Geometry (one unit).

(c) Solid Geometry, or Advanced Algebra, or Trigonometry (one-half unit).

A thorough review of Algebra and Geometry should be completed during the year preceding entrance to College.

2. FOUR UNITS. In addition to the preceding the remaining two of the following subjects:

(a) Solid Geometry.

(b) Advanced Algebra, including the theory of Logarithms, Series, Determinants and Partial Fractions, and Elementary Theory of Equations (one-half unit).

(c) Plane Trigonometry, with special attention to the derivation of formulæ and the accurate solution and checking of problems (one-half unit).

LATIN

1. ONE UNIT. Latin grammar with easy reading, consisting of twenty or thirty pages of connected text. In all written exercises the long vowels should be marked, and in all oral

exercises pains should be taken to make the pronunciation conform to the quantities.

The student should be trained from the beginning to grasp the meaning of the Latin before translating, and then to render into idiomatic English; and should be taught to read the Latin aloud with intelligent expression.

2. TWO UNITS. In addition to the preceding, selections from Cæsar's *Gallic War* equivalent in amount to four or five books; selections from Nepos may be taken as a substitute for an amount not exceeding two books. The equivalent of at least one period a week in prose composition based on Cæsar. Frequent written exercises and translation at sight from Cæsar.

3. THREE UNITS. In addition to the preceding, six orations of Cicero, including the *Manilian Law*. Sallust's *Catiline* will be accepted as a substitute for an equivalent amount of Cicero.

The equivalent of at least one period a week in prose composition, based on Cicero. Frequent written exercises and translation at sight from Cicero.

4. FOUR UNITS. In addition to 1 and 2, Virgil's *Aeneid*. For a portion of this may be substituted selections from *Ovid*. Constant practice in the metrical reading of Latin verse.

The equivalent of at least one period a week in prose composition. Frequent translation at sight from Virgil and Ovid.

GREEK

1. ONE UNIT. Grammar. *Anabasis*, twenty pages. The student should have constant practice in reading Greek aloud and in translating into Greek. Syntax is best taught in connection with the text read, but the most important paradigms should be learned before beginning the *Anabasis*.

2. TWO UNITS. In addition to the preceding, *Anabasis* I-IV. Greek prose based on the *Anabasis* should be written daily.

3. THREE UNITS. In addition to 1 and 2, *Anabasis* reviewed, *Iliad*, not less than 1900 lines. Mythology and scansion should be taught in connection with the *Iliad*. Greek prose based on the *Anabasis*.

FRENCH

1. ONE UNIT. In one year the student should acquire a fairly accurate pronunciation and such a knowledge of elementary grammar and vocabulary as will enable him to translate very

simple French into English as well as short English sentences into French. He should read one or another of the standard French readers for beginners, or an equivalent amount of prose selected from suitable texts.

2. TWO UNITS. In the second year a more complete study of the grammar should be made in connection with exercises in composition, and a number of the less difficult short stories by modern French writers should be read. For the work of two years two units' credit is given.

3. THREE UNITS. The work of the third year should embrace the reading of several novels and plays and the writing of more advanced composition. For the work of three years three units' credit is given.

GERMAN

1. ONE UNIT. Careful drill in pronunciation, elementary grammar, including a thorough knowledge of forms and simple syntax; reading of about 150 pages of easy modern German, mainly narrative prose; elementary drill in speaking and writing German.

2. TWO UNITS. Further study of the grammar, including a more thorough treatment of syntax; continued practice in writing and speaking German; reading in addition to 1, of about 250 pages of modern German from standard authors.

3. THREE UNITS. Continuation of the study of the grammar, composition and conversation; the reading in addition to 1 and 2 of about 500 pages of classical and modern German prose and poetry.

HISTORY

1. GENERAL HISTORY. As much as is contained in Myers' *General History*.

2. (a) GREEK HISTORY. Myers' or Botsford's *History of Greece* or an equivalent (one-half unit).

(b) ROMAN HISTORY. Allen's *History of the Roman People* or Botsford's *Roman History* (one-half unit).

3. ENGLISH HISTORY. The equivalent of Andrews' or Cheney's *History of England*, with collateral reading.

4. UNITED STATES HISTORY. A comprehensive course based on such a text as Adams and Trent or McDonald's Johnston's, with considerable collateral reading.

5. (a) UNITED STATES HISTORY. John Fiske's *History of the United States* or an equivalent (one-half unit).

(b) POLITICAL SCIENCE, as much as is contained in John Fiske's *Civil Government in the United States* (one-half unit).

SCIENCE

1. ELEMENTARY PHYSICS. An amount of work equivalent to that in the text of Carhart and Chute, Hoadley, or Millikan & Gale is required. Particular attention should be given to the practical laboratory methods, and the solution of numerical problems.

2. ELEMENTARY CHEMISTRY. A course including both laboratory work and class room work in Inorganic Chemistry. The following recent text-books may be taken to indicate the work desired: Brownlee's *First Principles of Chemistry*, or Hessler & Smith's *Essentials of Chemistry*, or McPherson & Henderson's *A First Course in Chemistry*.

3. GENERAL BIOLOGY. Adaptation to environment, protective resemblance, variation, etc., should be studied. A general study of the activity and local distribution of typical forms of life. Laboratory work is essential. Boyer's *Elementary Biology*, or selections from Davenport's *Introduction to Zoology*, together with Bergen's *Elements of Botany*, represent approximately the amount required.

4. BOTANY. The essential principles of plant life and growth together with a careful study of typical plant forms. Variability, adaptation, assimilation, respiration, digestion, growth and reproduction should be carefully studied. An equivalent of Atkinson's *Lessons in Botany*, or Bergen's *Foundations of Botany*, should be presented.

5. ZOOLOGY. Knowledge of the typical forms both invertebrate and vertebrate is required. Ability to recognize the specimen, to indicate its relationships, and to point out the principal features of its life history, organization and physiology. An equivalent of Kellogg's *Elementary Zoology* or Davenport's *Introduction to Zoology*.

RULES FOR ADMISSION

Candidates for admission must present testimonials of good moral character, and if they come from other colleges certificates of dismissal in good standing.

Examinations for entrance are held at the opening of the college year the third Wednesday in September.

Certificates will be provisionally accepted from the principal of any accredited High or Preparatory School, and will exempt the student from entrance examinations in the subjects covered, provided that they are in the hands of the Registrar at the opening of the year. No student is admitted whose certificates do not cover at least 14 units of preparatory work.

The privilege of registration is extended only to students who either pass the entrance examinations or present satisfactory certificates.

The College furnishes certificate blanks, which must state in detail the courses that the student has completed, together with the ground covered and the time given to each course.

At entrance, all students are received upon probation, and their work is subject to careful inspection. Matriculation (see p. 69) gives final credit for certificates and accords full standing in College. Immediately before the Thanksgiving recess, mid-semester examinations are given to all new men. To be matriculated a student must maintain a passing grade in at least twelve hours of work, to be determined by class standing and the mid-semester examinations. Students who fail to matriculate may be continued upon probation, but failure to pass in nine hours of work at the end of the semester drops them from College.

Applicants for admission who lack preparation in Greek, German or French, will be given an opportunity in College to make up in one of these languages not more than two units of deficiency.

Advanced Standing

Candidates for advanced standing will be examined in all prescribed studies antecedent to the desired grade, including the requirements for admission to college and in such elective studies as shall be chosen by the candidate and approved by the Faculty.

Students from other colleges will be admitted to such standing as the Faculty may deem equitable in each case. Candidates are required to present a certified statement of the studies they have pursued and their proficiency therein, together with a catalogue of the college from which they come.

COURSES OF STUDY

Three courses of study are offered—classical, Philosophical, and scientific. After the freshman year in all courses students are permitted to elect a large proportion of their work. The prescribed requirements aim at securing breadth and continuity without sacrificing flexibility. On the following pages is printed a conspectus showing the prescribed subjects and the range of electives for each course.

THE CLASSICAL COURSE. Four years of classical language are required for admission and a considerable amount of classical language must be taken in College. If the student takes Latin and no Greek he is required to complete a course in Greek literature for which no knowledge of the language is necessary. The degree of Bachelor of Arts is conferred upon the completion of this course.

THE PHILOSOPHICAL COURSE. This course emphasizes modern language both for preparation and in College although units in any foreign language may be presented for admission. In College five years of language must be taken of which at least three years must be in one language. About the same proportion of electives is allowed as in the Classical course. The degree of Bachelor of Philosophy is conferred upon the completion of this course.

THE SCIENTIFIC COURSE. The arrangement of subjects in this course is intended primarily to meet the needs of students who intend to take technical or engineering courses later. Advanced work in mathe-

matics and in physics is prescribed and numerous electives are offered in the scientific subjects which are fundamental for technical training. Students who complete this course with the proper electives in science are able to make third year standing in engineering schools of first grade. The degree of Bachelor of Science is conferred upon the completion of this course.

SPECIAL COURSES. Students are urged to enter one of the four regular courses but in individual cases permission to take special work is granted. Students who intend to study engineering can thus complete in three years a sufficient amount of work in general science to secure practically two years of advanced credit in a good technical school. By this means the student gains the advantage of the personal instruction and the academic atmosphere of a literary college, with little sacrifice of time.

CONSPECTUS OF COURSES OF STUDY

FRESHMAN YEAR

ALL COURSES:	HOURS
English 1, 2*.....	3
Mathematics 1, 2 or 3, 4.....	3
Physical Training	1
CLASSICAL:‡	
Greek or Latin.....	3
Other Foreign Language.....	3
Chemistry 1, 2 or Physics 1, 2.....	4
PHILOSOPHICAL:**	
Two Foreign Languages.....	6
To be chosen from French, German and Latin.	
Chemistry 1, 2 or Physics 1, 2.....	4

* The number identifies the course as described under Departments of Instruction

‡ All classical students must complete in College four years of Classical Language; if Greek is begun in College, it must be carried two years; if no Greek language is taken Greek 11 and 12 must be taken.

** All philosophical students must complete in College five years of Foreign Language of which three years must be in one language.

SCIENTIFIC:

HOURS

Two Foreign Languages.....	6
To be chosen from French, German and Latin.	
One Science	3 or 4
To be chosen from Biology, Chemistry and Physics.	

SOPHOMORE YEAR

ALL COURSES:

English 3, 4.....	3
Bible 1, 2.....	1
Physical Training	1

CLASSICAL:

One Ancient Language.....	3
One Modern Language.....	3
One Science	3
Elective	3

PHILOSOPHICAL:

Two Foreign Languages.....	6
One Science	3
One Elective	3

SCIENTIFIC:

One Foreign Language.....	3
Science chosen in Freshman year continued.....	3
Two additional sciences.....	6
To be chosen from Biology, Chemistry, Physics and Mathematics.	

Of the above, the choice of optional courses must be for the entire year. No restriction is put upon the electives.

ELECTIVE COURSES OPEN TO SOPHOMORES:

Greek 1-8, 11, 12.	Chemistry 3-8.	Political Science 1-4.
Latin 3-10.	Biology 1-4.	Economics 1, 2.
German 1-6.	Physics 1-4.	Business, 7-10.
French 1-4.	Mathematics 3-16.	Sociology, 11-14.
Spanish.	History 1, 2.	
Italian.		

All electives are three-hour courses.

JUNIOR YEAR**ALL COURSES:**

	HOURS
English 5, 6.....	3
History 7, 8.....	3

CLASSICAL:

	HOURS
Two Sophomore courses continued.....	6
Two electives	6

PHILOSOPHICAL:

	HOURS
One Language	3
One Sophomore course continued.....	3
Two Electives	6

SCIENTIFIC:

	HOURS
Two Sciences*	6
Two Electives	6

ELECTIVE COURSES OPEN TO JUNIORS:

English 9, 11, 13-22.	Chemistry 5-10.	Political Science 1-4.
Greek 5-14.	Biology 1-12.	Economics 1-8.
Latin 5-14.	Physics 1-16.	Business 7-10.
German 1-10.	Mathematics 5-16.	Sociology 11-14.
French 1-10.	Astronomy.	Philosophy 1-4.
Spanish.	History 1-6, 9, 10.	The Bible 4, 6.
Italian.		

All Electives are three-hour courses.

SENIOR YEAR**ALL COURSES:**

	HOURS
English 7, 8.....	1
One Junior course continued.....	3
Four Electives	12

ELECTIVE COURSES OPEN TO SENIORS:

English 11-22.	Chemistry 5-12.	Political Science 1-4.
Greek 5-14.	Biology 1-12.	Economics 1-8.
German 3-10.	Physics 3-16.	Business 7-10.
Latin 5-14.	Mathematics 5-16.	Sociology 11-14.
French 3-10.	Astronomy.	Philosophy 1-4.
Spanish.	History 3-6, 9, 10.	The Bible 4, 6.
Italian.		

Students intending to study Theology will be permitted to present as Senior electives Philosophy 1 and 2, and twelve hours of the work of the Junior year at Bexley Hall.

* Biology 1, 2, Chemistry 1, 2, and Physics 1, 2, are required for graduation in the Scientific course.

DEPARTMENT OF INSTRUCTION

ENGLISH

PROFESSOR REEVES

ASSISTANT PROFESSOR LOCKERT

1, 2. Written and Oral Exercises, based upon Phonetic principles, in which deficiencies of speech are explained in personal conferences, and overcome by practice before the class. Narrative and descriptive themes are read aloud after correction by the instructor. In the second semester, English 2, the essays are expository and argumentative, class debates affording opportunity for speaking. Three hours a week, required of all Freshmen. The King prizes are offered for excellence in speaking. PROFESSORS REEVES AND LOCKERT.

3, 4. ENGLISH LITERATURE. A survey course, supplemented by carefully written themes, read before the class after correction. Each student is required to write and deliver one oration. Required of all Sophomores, three hours a week. Pancoast's *Prose and Poetry* is used as a text. The King prizes for excellence in speaking are offered to Sophomores. PROFESSORS REEVES AND LOCKERT.

5, 6. NINETEENTH CENTURY ENGLISH LITERATURE. Weekly written exercises required of all Juniors. PROFESSOR LOCKERT.

Odd numerals indicate first semester; even numerals second semester.

7, 8. PUBLIC SPEAKING. All Seniors are required to prepare a weekly exercise upon a subject of present interest. Stage presence, the psychology of attention, and elementary dramatic exercises are studied in the second semester. For many years, upon a vote of the graduating class, a classical English play has been presented. PROFESSOR REEVES.

9. ELIZABETHAN DRAMA. A survey of the drama from 1580 to 1642, with Neilson's *Chief Elizabethan Dramatists* as a text. Introductory to Shakespeare. Elective for Juniors and Seniors. PROFESSOR LOCKERT. Offered in 1920-21.

10. SHAKESPEARE. Elective for Juniors and Seniors. Offered each year. PROFESSOR REEVES.

11. THE CONTEMPORARY DRAMA. Elective for Juniors and Seniors, with Dickinson's *The Chief Contemporary Plays* as a text. Alternate years; offered in 1920-21.

12. TENNYSON AND BROWNING. Complete texts of each poet are required, and their contrasting arts explained. Elective for Seniors. Offered each year. PROFESSOR REEVES.

13 and 14. ANGLO-SAXON and the HISTORY OF THE ENGLISH LANGUAGE. The historical basis of English idiom is explained in the reading and philological study of Anglo-Saxon literature. The sources of English grammar are studied, and the vitality of the language illustrated by reference to the vernacular. This course is necessary for a certificate from the department of capacity to teach English. Three hours a week, elective for Juniors and Seniors. PROFESSOR REEVES.

15. **SHORT STORY WRITING.** Exercises in the technique of the Short Story, with study of models. Elective for Juniors and Seniors, alternate years; offered in 1921-22. PROFESSOR LOCKERT.

16. **ARGUMENTATION AND DEBATE.** One debate a week is required, and a good delivery is insisted upon. Elective for Juniors and Seniors. PROFESSOR LOCKERT. Offered in 1920-21.

17. **CHAUCEER, LANGLAND AND WYCLIF. FOURTEENTH CENTURY STUDIES.** Elective for Juniors and Seniors. Offered in 1920-21. PROFESSOR REEVES.

18. **THE ROMANTIC POETS.** The culmination of English Romanticism in Wordsworth, Coleridge, Byron, Shelley and Keats. Elective for Juniors and Seniors. Offered in 1920-21. PROFESSOR LOCKERT.

19. **AMERICAN LITERATURE.** The social and political ideals of Jefferson, Franklin, Adams and Madison. Given in 1918-19. PROFESSOR REEVES.

20. **WORLD DRAMA. AESCHYLUS TO IBSEN.** Typical great dramas and important literary movements are studied. Given in 1918-19. PROFESSOR LOCKERT.

21. **DEVELOPMENT OF THE ENGLISH NOVEL.** Offered in 1919-1920. PROFESSOR REEVES.

22. **THE LATER ENGLISH NOVEL.** Offered in 1919-20. PROFESSOR LOCKERT.

GREEK

PROFESSOR NEWHALL

1, 2. **GRAMMAR; *Anabasis*, Book I.** Optional for admission to Classical Course. Elective in other courses.

Odd numerals indicate first semester; even numerals second semester.

3, 4. *Anabasis*, II-IV; *Iliad*, 1900 lines. Prose Composition. Optional for admission to the Classical Course. Elective in other courses.

5. LYSIAS, or Selections from Attic Orators. Prose Composition. Optional for the Classical Course. Courses 1-4 prerequisite.

6. ODYSSEY, Selections or Herodotus. Private life of the Greeks. Optional for the Classical Course.

7. PLATO. *Laches and Apology*. History of Greek Literature (Prose). Optional in the Classical Course. Courses 5 and 6 prerequisite.

8. SOPHOCLES, *Antigone* or *Oedipus Tyrannus*. Aristophanes, *Clouds* or *Frogs*. History of Greek Literature (Poetry). Optional in the Classical Course. Courses 5-7 prerequisite.

9. ÆSCHYLUS. *Prometheus* or *Septem*. Euripides, *Alcestis* or *Medea*. The Greek Drama and Theatre. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

10. SELECTIONS FROM THE LYRIC POETS OR LUCIAN. Greek music and metres. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

11. HOMER IN ENGLISH. The entire *Iliad* and *Odyssey*, with lectures on Homeric Life and the Homeric Question. No knowledge of Greek required. Alternate years. Elective for Sophomores, Juniors and Seniors. Offered in 1919-20.

12. GREEK DRAMA IN ENGLISH. No knowledge of Greek required. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1919-20.

13. HISTORY OF ART. The Minor Arts, Painting and Modern Sculpture. Elective for Juniors and Sen-

iors in all courses. Alternate years. Offered in 1920-21.

14. HISTORY OF ART. Architecture and Ancient Sculpture. Second semester. Elective as 13. Offered in 1920-21.

LATIN

PROFESSOR MANNING

1. LIVY. Review of Grammar. Optional for Freshmen.

2. TERENCE, OVID. Grammar. Prose composition. Optional for Freshmen.

3. PLINY THE YOUNGER. Letters. Reading at sight. Optional for Sophomores. Courses 1 and 2 prerequisite.

4. HORACE, Selections from the Odes, Satires and Epistles. Study of the poet's life and times. Optional for Sophomores. Courses 1-3 prerequisite.

5. TACITUS. Selections from the *Histories* or *Annals*. Reading at sight. Study of the first century of the Empire. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1920-21.

6. JUVENAL AND MARTIAL. Study of Roman Private Life. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1920-21.

7. PLAUTUS AND TERENCE. Reading at sight. Study of the history of the Roman Drama. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1921-22.

8. CICERO, *Letters*. Study of the author's life and times. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1921-22.

Odd numerals indicate first semester; even numerals second semester.

9, 10. ELEMENTARY LATIN. *Grammar. Cæsar, Book I.* Both semesters.

11, 12. CAESAR, CICERO, PROSE COMPOSITION. Both semesters. Latin 9, 10, prerequisite.

13, 14. VIRGIL, ÆNEID, Books I-VI. Both semesters. Courses 9-12 prerequisite.

ROMANCE LANGUAGES

PROFESSOR LARWILL

1. ELEMENTARY FRENCH. Pronunciation, the essentials of grammar, reading of simple prose and translation into French of short English sentences. Books: Fraser and Squair, *French Grammar*; Aldrich and Foster, *A French Reader*; Larousse, *Histoire de France*.

2. ELEMENTARY FRENCH. Further study of grammar in connection with exercises in composition, reading of Merimée's *Colomba* and two similar texts.

3, 4. SECOND YEAR FRENCH. Reading of several shorter novels and plays by modern authors; composition and conversation.

5, 6. GENERAL SURVEY OF FRENCH LITERATURE and reading of works representative of various important movements. Courses 3 and 4, or their equivalent, prerequisite. Offered in 1919-20. Books: Pelissier, *Precis de l'Histoire de la Literature Francaise*; Faguet, *Ce que disent les livres*.

7, 8. THE LITERATURE OF THE EIGHTEENTH CENTURY. Readings, reports and discussions in French and in English. Courses 3 and 4, or their equivalent, prerequisite. Offered in 1918-19.

9, 10. FRENCH CONVERSATION. Practice in the use of the language of social intercourse, of business, and of travel; letter writing. Courses 3 and 4, or their equivalent, prerequisite. Books: Kron, *Le Petit Parisien*; Blanchaud, *French Idioms*. Offered in 1919-20.

11. ITALIAN: *First Course*. Pronunciation, grammar, simple composition, reading of easy prose. Books: Grandgent, *Italian Grammar*; Bowen, *Italian Reader*; Fogazzaro, *Peregrinatio*.

12. MODERN ITALIAN PROSE AND COMPOSITION. Dante's Divine Comedy, The Inferno, will be translated and studied.

13, 14. Continuation of the study of Dante: *Purgatorio*, *Paradiso*, *Vita Nuova*.

15, 16. SPANISH: *First Course*. Pronunciation, grammar, simple composition, conversation, reading of easy prose. Books: Moreno-Lacalle, *Elementos de Espanol*. Simple Plays and Stories. PROFESSOR MANNING.

17, 18. MODERN SPANISH LITERATURE. Reading of representative novels and plays; composition and conversation. Books: Wilkins, *Elementary Spanish Prose Book*; Quintero, *Dona Clarines*; Downer and Elias, *Lecturas Modernas*; Spencer, *Trozos de Historia*. PROFESSOR MANNING.

GERMAN

PROFESSOR WEST

1, 2. ELEMENTARY GERMAN. Pronunciation, essentials of grammar with constant drill on forms, simple prose composition and practice in speaking German;

Odd numerals indicate first semester; even numerals second semester.

easy German prose and poetry selected from modern authors with at least one complete longer story.

3. NINETEENTH CENTURY PROSE. Heyse, *L'Arrabiata*; Freytag, *Die Journalisten*; Wesselhoeft, *German Exercises*; Thomas, *Practical German Grammar*.

4. NINETEENTH CENTURY POETRY. Fulda, *Der Talisman*; *Selected Lyrics*; grammar and composition as in 3.

5, 6. STUDIES IN EIGHTEENTH CENTURY LITERATURE. The life and works of the great writers of the century will be studied, with such consideration of their times and contemporaries as may be practicable. Courses 1-4 prerequisite.

7, 8. STUDIES IN NINETEENTH CENTURY LITERATURE. Subjects treated as in 5, 6. Courses 1-4 prerequisite.

9, 10. HISTORY OF GERMAN LITERATURE. A study of the development of German Literature and reading of selections from representative authors of the most important periods. Priest, *A Brief History of German Literature*; Hentschel, Hey and Lyon, *Handbuch zur Einführung in die deutsche Litteratur*. Course 1-4 prerequisite.

Courses 1-4 are given each year. Of courses 5-10, one is given each year, determined by the number of students electing it. For 1918-19 Course 5, 6 was elected with Goethe as the author; for 1919-20 Course 7, 8 with *The Drama of the Nineteenth Century* as subject.

CHEMISTRY

PROFESSOR WEIDA

1. GENERAL INORGANIC CHEMISTRY. The work is a descriptive study of the common materials, and includes fifty laboratory periods of at least two hours each, besides recitations and personal conferences. Freshmen alternative with Physics 1. Four hours credit.

The laboratory work is based on Hale's laboratory outline. The recitations and conferences are adapted to the work actually being done, with assigned readings in several text-books.

1. (a) The same course as outlined above, with the details changed somewhat for students presenting entrance credits in chemistry.

2. GENERAL INORGANIC CHEMISTRY (CONTINUED). Fifty laboratory periods of at least two hours each, with recitations and conferences as above stated. Extra laboratory periods are arranged for those properly qualified. (See Course 6.) This course is a continuation of the above from the same descriptive point of view. Especial attention is paid to the useful metals and alloys, their manufacture, their properties and the products they yield. Some work is also done on the detection or analysis of simple compounds. Four hours' credit.

3. QUALITATIVE ANALYSIS. A course based on the preceding year of inorganic chemistry, beginning with single salts and passing through the methods of chemical analysis while reviewing the chemical reasons for each step. Each student analyzes a number of unknown substances, both solids and liquids. Six hours each week in the laboratory with frequent conferences and recitations held in the classroom.

NOTE:—When consent of instructor is obtained, the amount of work done in Qualitative Analysis may be increased by continuing similar work through the second semester.

4. ORGANIC CHEMISTRY. A classroom course giving an outline view or descriptive study of the most important compounds of carbon. This course is necessary to those looking forward to the study of medicine, and may be taken immediately after Course 2, if desired.

Laboratory work on Organic preparations is not included in this course, but may be taken at the same time or following as a separate course (see Courses 6, 7).

5. ADVANCED TOPICS IN CHEMISTRY.

A classroom course open to Juniors and Seniors who have had Courses 1-4. The special subjects vary from year to year, and have included the following courses:

(a) Reading of Chemical German (essays and texts). Prerequisite, German as well as Chemistry.

(b) Advanced Organic Chemistry, 1918-1919.

(c) Theoretical Chemistry and Calculations, 1919-1920.

(d) History of Chemistry.

6. CHEMICAL PREPARATIONS. A laboratory course open only to those who have made a good record in Chemistry of the first semester. The student himself prepares a selected list of materials that are being studied in the descriptive courses. It may thus accompany Course 2 and 4, or follow these. This work must ordinarily be done in the second semester. Either 3 or 6 hours' credit, according to assignment.

Odd numerals indicate first semester; even numerals second semester.

7. CONTINUATION OF COURSE 6. A continuation of preparation work is allowed only in exceptional cases; and in each case the written consent of the professor must be secured before registration.

8. DESCRIPTIVE MINERALOGY. A course planned to follow Qualitative Analysis (Course 3 prerequisite) and including some of the methods of blowpipe analysis. The course is, however, descriptive, as the name implies, rather than analytical, and may be taken by those desiring information on the common minerals and ores. The description of mineral species requires at the beginning a study of the crystal forms in which they may occur, and of any other physical properties that may be of value in description. Offered only when desired by four or more students.

9-12. ADVANCED LABORATORY WORK. A course in pure Chemistry for general students; and open only to Seniors who have previously shown special excellence in Chemistry. Prerequisite: Courses 1-4. The main work will be in Quantitative Analysis, but in some cases special subjects such as medical chemistry may be taken up after sufficient general quantitative work has been done. The work is individual, under the supervision of the professor, and may be taken as a single course for 3 hours' credit, or as a double course for 6 hours' credit.

BIOLOGY

PROFESSOR WALTON

The courses in this department are not only designed for the general student, but also furnish special training for students who expect to study medicine.

1, 2. GENERAL BIOLOGY. This is intended as an introduction to subsequent courses as well as for the

purpose of presenting a general survey of the subject to those students wishing to take only one year of Biology. It consists of lectures, recitations and laboratory work on selected types of organisms and on various phases of animal and plant life of a special nature. Topics such as the origin and manifestations of life, the cell and the cell theory, the individual, heredity, variation, selection, genetics and especially mendelian phenomena, are carefully considered in the lectures. During the latter part of the course the field of applied biology is reviewed, principles of sanitation, hygiene and preventive medicine being given particular emphasis.

The work is supplemented by occasional field excursions. Two laboratory periods of two and one-half hours each and one hour lecture a week. Elective for Sophomores, Juniors and Seniors. ¹

3, 4. COMPARATIVE ANATOMY OF THE VERTEBRATES. Lectures, recitations and laboratory work on vertebrates from *Amphioxus* to Man, with particular attention to comparisons of the skeletal system, the nervous system, the circulatory system, etc. Text-book, Pratt, *Vertebrate Zoology*. Five hours' laboratory and one hour lecture a week. Elective for Sophomores, Juniors and Seniors. Courses 1-2 prerequisite.

5, 6. HISTOLOGY AND MICROTECHNIQUE. This course is arranged primarily for students intending to enter medical school. Permanent preparations are made of organs and tissues which have been previously dissected, fixed and placed in alcohol or imbedded in par-

¹ Freshmen contemplating the study of medicine may be admitted upon recommendation from their Faculty Adviser.

Faculty action relative to sciences first year makes this necessary.

All courses three hours unless otherwise stated.

affine. Particular attention is paid to the functions of the various groups of cells. The theory of the microscope and methods in microtechnique sectioning, staining, etc., are carefully considered at the beginning of the course. Five hours laboratory and one hour lecture a week. Elective for Sophomores, Juniors and Seniors. Courses 1-2 prerequisite.

7, 8. EMBRYOLOGY. Lectures, recitations and laboratory work based on a general study of the development of animals from the formation of the egg to the attainment of growth in the adult. Particular attention is given to cytology during the early part of the course. A series of *in toto* preparations and transverse sections from the early stages of the chick are made by each student to be used in subsequent study. Text-book: McMurrich or Heisler. Reference books: Minot, Hertwig, Roule, etc. Five hours laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-6 prerequisite. Alternate years.

9, 10. NEUROLOGY. A comparative study of the growth and structure of the nervous system in the different groups of animals, with particular attention to the morphology of the central nervous system of the vertebrates. Five hours laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-6 prerequisite. Alternate years.

11, 12. ADVANCED BIOLOGY. Special laboratory work arranged with reference to the individual needs of students wishing to devote a maximum amount of time to the study of Biology. Courses 1-6 prerequisite.

Odd numerals indicate first semester; even numerals second semester.

PHYSICS

PROFESSOR JOHNSON

A. ELEMENTARY PHYSICS. A first course in general physics combining a review of high school physics with a lecture and laboratory course designed to bridge the gap between the ordinary high school course and General College Physics, 1 and 2. This course should be of interest to the average student who may not be specializing in science, for it is descriptive and experimental rather than mathematical. It may also be taken to satisfy the entrance requirements for Physics 1 and 2. No previous work in physics nor in mathematics beyond algebra and geometry is required. For those who have not presented high school physics for entrance to college, the work will be somewhat modified. Three class hours and one laboratory period each week. Four hours credit. Second semester only.

1, 2. GENERAL PHYSICS. A course in college physics following Physics A, and entering more into the theory of physical phenomena and the relation between theory and experiment than is possible in the elementary course. The accompanying laboratory work is purely quantitative. Three experimental lectures a week and at least fifty hours of laboratory work each semester. Open to all students who have had high school physics or Physics A and who have had or are taking Mathematics 1 and 2. Four hours credit.

NOTE:—Of the courses listed below, only a part are offered each year, as indicated by the accompanying dates. They are also so arranged that the advanced laboratory and theoretical courses may be taken in conjunction advantageously, in which case six hours credit will be given, e. g., as follows:

Course 3 with course 7.	Course 5 with course 11.
Course 4 with course 10.	Course 6 with course 12.

Courses 3, 4, 5 and 6 are primarily laboratory courses. Each consists of three laboratory periods a week, of at least two hours each. Occasionally a lecture may be substituted for one of these periods. Prerequisites: Physics 1 and 2, and Mathematics 1 and 2.

All students planning to study medicine or engineering should elect at least one of these three hour laboratory courses in addition to General Physics 1 and 2.

3. EXPERIMENTAL MECHANICS. 1920-21.

4. HEAT. A laboratory study of heat effects, changes in volume, thermometry, calorimetry, transfer of heat-energy, the mechanical equivalent of heat, etc. 1920-21.

5. SOUND AND LIGHT. An experimental study of vibrating bodies and wave motion in various media, reflection, refraction, dispersion, color sensation, and polarization. 1919-20.

6. ELECTRICAL MEASUREMENTS. Fundamental electrical units, measurements of resistance, current, electro-motive force, quantity, capacity, self- and mutual-induction. 1919-20.

NOTE:—Courses 7, 8, 10, 11 and 12 are lecture and problem courses with collateral reading. Open to those who have had Physics 1 and 2, and who have had or are taking Mathematics 3 and 4.

7, 8. THEORETICAL MECHANICS. An elementary course in analytical mechanics. 1920-21.

9. PHOTOMETRICAL MEASUREMENTS. A laboratory study of light sources and their use in illumination. Photometric tests of commercial lighting units, including gas lamps, and direct and alternating current arc and incandescent lamps. Also measurements of the heating and illuminating values of Ohio Natural Gas. 1920-21.

10. **THEORY OF HEAT.** An analytical study of heat sources, heat transferences, methods of heat measurement, the Kinetic Theory of Gases, and the thermodynamics of heat engines. 1920-21.

11. **THEORY OF LIGHT.** A study of the underlying principles of Geometrical and Physical Optics. 1919-20.

12. **THEORY OF ELECTRICITY AND MAGNETISM.** Electrostatics, electric circuit calculations and the theory of electrical measuring instruments. 1919-20.

13, 14. **DYNAMO-ELECTRIC MACHINERY.** Direct and alternating current, in theory and practice. A pre-engineering course. Two lectures and one laboratory period a week. Prerequisite: Physics 6 or 12. 1919-20.

15. **HISTORY OF PHYSICS.** A course of lectures on the leading physicists of all ages and their work. Supplemented with reports on collateral reading. Open to those who have had Physics 1 and 2.

16. **ELECTRON THEORY.** An advanced course on electrolytic conduction, conduction of electricity through gases, and radioactivity. Lectures and reports on collateral reading. Prerequisite: Physics 11 and 12, and Mathematics 5 and 6.

MATHEMATICS AND CIVIL ENGINEERING

PROFESSOR ALLEN

1, 2. **ELEMENTARY MATHEMATICAL ANALYSIS.** This course covering the use of coordinate systems, plotting and discussion of simple functions, plane trigonometry and elementary analytic geometry, is required of all Freshmen. Freshmen offering Mathematics 2 (b) and (c), (see p. 30) for entrance may enter the course the second semester.

3, 4. **CALCULUS.** Text, *The Calculus*, Davis. Required of Scientific Students. Course 3 is required of

students omitting Course 1. Courses 1 and 2 prerequisite.

5, 6. CALCULUS AND DIFFERENTIAL EQUATIONS, ANALYTIC GEOMETRY. This course is designed for students of Engineering. Given 1919-20.

7, 8. MODERN GEOMETRY. Texts, *Cremona* and *Reye* supplemented by lectures. Offered 1921-22.

10. DESCRIPTIVE ASTRONOMY. Alternate years; offered 1920-21.

11, 12. PLANE SURVEYING. Text, Raymond. Also TOPOGRAPHIC AND RAILROAD SURVEYING. Given 1919-20.

13. FIELD WORK IN SURVEYING. Courses 11 and 12 continued and applied to concrete problems. Three hundred hours of office and field work given in the six weeks following Commencement.

15. DESCRIPTIVE GEOMETRY. Text, *Descriptive Geometry, with Shades and Shadows and Perspective*, Church. Courses 1 and 2 prerequisite. Offered in 1920-21.

16. ELEMENTARY MECHANICAL DRAWING. Seven and one-half hours a week (3 hours' credit.) Offered in 1920-21.

HISTORY

PROFESSOR CAHALL

1, 2. MEDIEVAL AND MODERN EUROPEAN HISTORY. The period of history covered extends from the Fall of the Roman Empire and the Great Migrations to the French Revolution. The development of modern industrial, social and political systems receives careful attention. Robinson's *History of Western Europe* and Trenholm's *Syllabus* are used as texts, but much col-

Odd numerals indicate first semester; even numerals second semester.

lateral reading is required. Elective for Sophomores and Juniors.

3, 4. EUROPE SINCE 1750. This course deals with the development of our modern industrial system, with the decline and disappearance of the absolute monarchy and with the spread of national rivalries up to the outbreak of the Great War. In part, a lecture course; and in part, recitations upon Schapiro's *Modern and Contemporary European History* and reports upon outside reading. Open to Sophomores, Juniors and Seniors. Offered in 1920-21.

5, 6. ENGLISH CONSTITUTIONAL HISTORY. The course covers the whole period of the development of the English Constitution. Cross, *History of Great Britain*, is used as the basis of the work, with collateral reading and the preparation of essays. Alternate years. Offered in 1919-20.

7, 8. AMERICAN POLITICAL HISTORY. The period covered extends from the middle of the Eighteenth Century to the end of the Reconstruction period in 1876. Outside reading and the private investigation of assigned subjects form a large part of the course. MacDonald's collection of documents is used extensively. Required of Juniors. PRESIDENT PEIRCE.

9, 10. INTELLECTUAL HISTORY OF EUROPE. A study of ancient and mediæval conceptions with their modern significance. Much attention is given to the historical setting and to the study of the works of Plato, Aristotle, St. Augustine, St. Thomas Aquinas, Dante, Petrarch, Montaigne and others. Lectures, reports and special studies. History 1 and 2 prerequisite. Offered in 1920-21.

POLITICAL SCIENCE

PROFESSOR CAHALL

1. AMERICAN GOVERNMENT. The national and state systems are discussed in lectures, recitations and debates. The text is Beard's *American Government and Politics* and the readings for the same. Elective for Sophomores, Juniors and Seniors.

2. AMERICAN GOVERNMENT. The municipal system and its problems are the subject. Beside a study of the functions and needs of the American city attention is given to the organization and administration of European cities. The text is "*The American City*," by W. B. Munro. Elective for Sophomores, Juniors and Seniors.

3. THE DEVELOPMENT AND OPERATION OF POLITICAL PARTIES. Considerable attention is given to the nomination and election of the American President and to the rôle of parties in our national life. Ray's *Introduction to Political Parties and Practical Politics* is used as a text. Offered 1920-21.

4. CONTEMPORARY POLITICS AND THE GOVERNMENTS OF EUROPE. The course analyzes the present governments of Europe in the light of their origin. Lectures, discussions and reports upon outside reading. Text, Frederic A. Ogg, *The Governments of Europe*. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1919-20.

Odd numerals indicate first semester; even numerals second semester.

ECONOMICS AND SOCIOLOGY

PROFESSOR GREEN

1, 2. **PRINCIPLES OF ECONOMICS.** An introductory course in the fundamental principles and problems of the science. A preparation for an intelligent attitude toward economic problems. Recitations, lectures, discussions, one essay per semester. Open to all classes. This course must be taken as a whole in order to receive credit in either part.

3. **MONEY AND BANKING.** The theory of money, credit, prices, crises. The monetary systems of the world; the present banking systems of the United States and other countries; international exchange, and the monetary problems of war finance. Text book and collateral reading, the preparation of an essay embodying the results of an intensive study of some relevant problem. Prerequisite Courses 1 and 2. Elective for Sophomores, Juniors and Seniors.

4. **LABOR CONDITIONS.** A study of the industrial group in its physical, economic, social and cultural relations. Including a treatment of immigration, unemployment, theory of wages, trade unionism, and socialism. Prerequisites Courses 1 and 2. Elective for Sophomores, Juniors and Seniors.

5. **COMBINATIONS AND PRIVATE FINANCE.** A survey of the legal, financial and social problems arising from modern industrial organization. The function of the promoter, the pool, monopoly and trust with reference to price, the labor situation and social and political welfare. The marketing of evidences of ownership and indebtedness in and of Private and Quasi-Public Corporations. Prerequisite Courses 1 and 2. Elective for Sophomores, Juniors and Seniors.

6. **PUBLIC FINANCE.** The rise of the Science of Finance, the doctrine and practice of public expenditures, the budget and the raising of Public Revenue. The evolution of the tariff, income and inheritance taxation. The general theory of international commerce. A comparative study of public finance in peace and war. Problems arising from the marketing of evidences of municipal, state and federal indebtedness. Prerequisites Courses 1 and 2. Elective for Sophomores, Juniors and Seniors.

BUSINESS

7. **COMMERCIAL LAW.** The purpose of this course is to familiarize the future business and professional man with the fundamental principles of the law of contracts, negotiable instruments, agency, partnership, corporations, sales, investments, insurance, bailments, real and personal property. Text book, reading of cases, reports, class discussions. Open to all classes.

8. **PRINCIPLES OF ACCOUNTING.** While technical in method this course aims at the interpretation of accounts rather than at the training of accountants. The interpretation of balance sheets and their relations, capital and operating expenses, including the principles of valuation and scientific bookkeeping are studied. This course assumes that the student has no previous familiarity with modern bookkeeping. Open to all classes.

9. **BUSINESS ORGANIZATION.** A study of modern business management from the point of view of commercial and social efficiency. The organization of production, location, planning and lay-out of industrial establishments, scientific management as applied to

purchase, sale, employment, and factory management in general. The principles of office organization, sales and credit organization, wage systems and welfare work. The function of the scientific engineer and the relations of the efficiency expert to modern business. Open to all classes.

10. **SALESMANSHIP, CORRESPONDENCE AND ADVERTISING.** The principles of scientific efficiency ascertained in Course 9 are applied to specific problems in marketing. The psychology of salesmanship, the rhetorical and logical principles of effective letter writing, the psycho-economic function of advertising as a business force are studied with reference to business success and social welfare. Prerequisite Course 9. Open to all classes.

SOCIOLOGY

11, 12. **INTRODUCTION TO THE STUDY OF SOCIETY.** The subjects discussed in this course include the nature of social life, social evolution, social aspects of the family, problems of the city, the rural community, poverty and crime, social regulation of the distribution of wealth, the law, religion and public opinion as means of social control. Prerequisite courses 1 and 2.

14. **PHILANTHROPY.** Studies in the nature, origin and relief of dependent, defective and delinquent classes. This course may serve as an introduction to scientific training for social work, but is designed rather as the kind of survey of social pathology which is necessary to a public spirited citizen for guidance in his relations to the unfortunate and the agencies for social betterment. Prerequisite courses 1 and 2.

MENTAL AND MORAL PHILOSOPHY

PRESIDENT PEIRCE

1. LOGIC AND ETHICS. The fundamental principles of deductive and inductive Logic are covered during the first half of the semester and a general survey of the problems and methods of Ethics occupy the remainder of the time. Sellars and De Laguna are used as hand-books supplemented by lecture and discussion. Elective for Juniors and Seniors.

2. PSYCHOLOGY. The course in Psychology consists of one lecture and two recitations each week. Witmer's Analytical Psychology is used as a text-book, while in the lectures an effort is made to correlate the views of the older schools of psychologists with the recent views of Loeb, Jennings, etc., concerning the dynamics of living matter. Elective for Juniors and Seniors. PROFESSOR WALTON.

3. HISTORY OF PHILOSOPHY. A brief but systematic and critical outline of Ancient, Mediæval and early Modern Philosophy is presented. The text used is Thilly, *History of Philosophy*. Elective for Juniors and Seniors. Alternate years.

4. METAPHYSICS. On the foundation furnished by Course 3 a more thorough study of particular systems of Philosophy is pursued. The critical philosophy of Kant and the present situation in philosophy are given special attention. Course 3 prerequisite. Elective for Juniors and Seniors. Alternate years. PRESIDENT PEIRCE.

Odd numerals indicate first semester; even numerals second semester.

THE BIBLE

PROFESSOR SMYTHE

1. INTRODUCTION TO THE BIBLE. The student is given a good deal of information regarding the composition of the books of the Bible, their transmission, the canon, textual criticism, translations, etc. In the latter part of the semester the history of the Hebrew people is studied in outline. One hour a week. Required of Sophomores.

2. THE LIFE OF OUR LORD. An effort is made to present to the student a clear picture of the Master, His character, ideals and work. The Gospel according to St. Mark is the basis of this study. One hour a week. Required of Sophomores.

4. THE RELIGION OF ISRAEL. An introductory course. Kent's Historical Bible is used, lectures are given, and a considerable amount of outside reading is required. Elective for Juniors and Seniors. Alternate years. Offered in 1919-20.

6. THE ETHICAL TEACHING OF JESUS CHRIST. A study of the principles enounced by Christ, and of their application to modern conditions and problems. Elective for Juniors and Seniors. Alternate years. Offered in 1920-21.

PHYSICAL TRAINING

ATHLETIC DIRECTOR THOMSEN

The Athletic Department has made a change in the required gymnasium work for Sophomores and Fresh-

Odd numerals indicate first semester; even numerals second semester.

men. Instead of military drill, club-swinging, squad exercises, etc., the Sophomore and Freshman classes have been divided into sections which participate in directed indoor athletics, such as basket-ball, indoor baseball, and volley ball. Any man not physically able to participate in these competitive sports is given special work which will help correct his disability. In the spring, when weather permits, outdoor athletics will be substituted.

This work is required of all Sophomores and Freshmen twice a week from December to April and is also open to any Junior or Senior who elects it.

LECTURES TO FRESHMEN

During the first two or three months of the college year weekly lectures are given to new students by the President of the College. The main problems of College life and work are discussed with an exposition of the rules of the College relating to students. Five or six lectures on the history of Kenyon College terminate the course.

All courses three hours unless otherwise stated.

GENERAL INFORMATION

MATRICULATION

Each student on entering College is assigned to a member of the Faculty who acts as his special adviser in all matters pertaining to his College work and life.

A student is admitted to matriculation when he has sustained a satisfactory probation, as described on page 35. Matriculation gives accredited membership in the Institution, entitles the student to an honorable dismissal and is essential to his obtaining a degree. The public exercise of matriculation occurs shortly after the Thanksgiving recess. Each student then signs the following obligation :

We, the subscribers, undergraduates of Kenyon College, being now admitted to the rite of matriculation, do promise, each for himself:

1. That we will faithfully observe and obey the laws and regulations of the College, and all authoritative acts of the President and Faculty, so long as we are connected with the College; and as far as may be in our power, on all occasions we will give the influence of our good example and precept to induce others in like circumstances to do the same.

2. As faithful sons of Kenyon College, we will render to her as our Alma Mater, at all times and on all occasions, due honor and reverence, striving to promote her welfare by all proper means, and abstaining carefully from all things that may tend to impair her influence or limit her usefulness as a seminary of learning.

BACCALAUREATE DEGREES

The degrees of Bachelor of Arts, Bachelor of Philosophy and Bachelor of Science are conferred upon the completion of the classical, philosophical, and scientific courses respectively.

Final Honors

Honors at graduation are conferred in the order of rank upon students whose average grade for the entire course is $1\frac{1}{2}$ or higher. The names of honor men are announced at the Commencement exercises and are printed in the annual catalogue.

Students are graded in all subjects on the scale of 5, 1 standing for the highest rank or excellent work. A grade of 3 is required for passing. When the average of all marks for the college course yields a result of $1\frac{1}{2}$ or less, graduation honors are awarded.

For a grade of 1 in any course an extra credit of one-sixth is allowed; thus, a grade of 1 in a three-hour course counts $3\frac{1}{2}$ hours toward graduation.

The Phi Beta Kappa Society

At seventy-one American colleges and universities chapters of the Phi Beta Kappa Society are at present established. The society was organized to encourage and to recognize excellence in scholarship, and high standing is an essential condition for admission. The fraternity established the Beta Chapter of Ohio at Kenyon College in 1858. Undergraduates may be elected at the end of the Junior and of the Senior year.

THE DEGREE OF MASTER OF ARTS

Graduates of Kenyon College, or of some other institution of equal standing, pursuing non-technical or non-professional courses in any accredited institution of learning, may be admitted as candidates for the degree of Master of Arts by vote of the College Faculty. Each candidate shall be assigned to the oversight of some member of the College or Seminary Faculty, who shall be director and judge of his work. This work shall consist of courses of graduate study closely related to

the work comprised in the curriculum of Kenyon College and equivalent in amount to the studies of a full college year of fifteen hours per week, and shall include the completion and presentation of a thesis embodying the results of this work. This thesis shall be presented not later than May 15, and must be approved by the Director and two other members of the Faculty.

The fee charged for the Master's degree is \$25.00, of which \$20.00 must be paid on admission as candidate and \$5.00 accompanying transmission of the thesis.

This degree may be also conferred *honoris causa* upon men of good attainments in literature, science, history or philosophy, who shall submit theses or essays or published works indicative of such attainments.

Further, this degree may be conferred on graduates of Bexley Hall who are graduates of Kenyon College or of some other institution of equal standing, who shall fulfill the requirements regarding the thesis as stated above and shall accompany the transmission of the same with the payment of the fee of \$5.00.

HOODS

The American intercollegiate system of academic costume has been adopted. For the Bachelor's degree the hood is black in color and not exceeding three feet in length. It is of the same material as the gown and lined with mauve silk, the College color. The binding or edging, not more than six inches in width, is distinctive of the faculty to which the degree pertains, as follows: Arts, white; Theology, scarlet; Law, purple; Philosophy, dark blue; Science, gold yellow. The hood for the Master's degree is the same shape as the bachelors but one foot longer. The Doctor's hood is of the same length as the Master's, but has panels at the side.

EXAMINATIONS

Final examinations are held at the end of each semester and cover the work of the half year.

Students are required to take final examinations in all subjects. Any student absenting himself from such examinations is required to repeat the subject in class and is not allowed to make it up by examinations.

Since 1901 all examinations have been held under an honor system, which has achieved excellent results. The following resolutions adopted by joint action of students and faculty describe the system:

Resolved, That, subject to confirmation by the Faculty and the Assembly, all examinations, whether original or conditional, and all tests and written lessons shall be conducted in accordance with the principles of the Honor System; and,

That the Honor System shall be conducted as follows:

1. A committee of seven men, representing each division of the student body and made up of three Seniors, two Juniors, one Sophomore and one Freshman, shall be elected at the first Assembly meeting of each year.

2. The duties of the committee shall be (a) to draw up rules to govern the examinations of each year; (b) to investigate any case of suspected violation of the principles of the Honor System, and to recommend to the Faculty for expulsion any student found guilty of such violation.

3. No instructor shall remain in the room where examinations, tests, or written lessons are being held, unless by special request of the class; and,

That every student taking work in the College shall sign the following honor pledge, which shall be binding at all examinations, tests, or written lessons, to-wit:

(Pledge.) In view of the introduction of the Honor System of examinations I pledge myself to support that system to the utmost of my ability, and not only myself to act in accordance with what I conscientiously believe to be its spirit, but also to encourage others to do the same and strongly to discountenance any violation of it.

CONDITIONS

A student whose grade falls below the passing standard of 3, and is expressed by the mark of 4, is given an opportunity to remove the condition by passing another examination. Failure to pass this examination deprives the student of credit in the subject.

This examination for the removal of conditions is held not later than the middle of the following semester.

RELIGIOUS SERVICES

Morning prayers are said daily in the College church. The Holy Communion is celebrated every Sunday at half past seven in the morning and also at half past ten on the first Sunday of the month. On Saints' Days the Holy Communion is celebrated at a quarter past nine in the morning. The choir is composed of College students.

Students are required to be present at Morning Prayers every day and at the Church services on Sunday morning and the chief Holy Days.

Every absence from or tardiness at Morning Prayers gives one mark for absence, and every absence from or tardiness at a Church service at which attendance is required gives two marks. A student is allowed thirty-five marks a semester, and is suspended for the remainder of the semester if he exceeds that number. No application for excuse on any ground whatever is received from the student.

DISCIPLINE

Regularity in the performance of all College duties is insisted upon, and any student who persistently neglects his work is required to leave College.

The Faculty reserves the right to suspend or remove any student whenever it believes that the interests of the College require such action.

A committee of Seniors elected by the student body assumes the responsibility of maintaining discipline in the College dormitories. It is the duty of this committee to preserve good order and to enforce the rule of Trustees and Faculty which strictly forbids the keeping of intoxicating liquor on the College premises. The committee holds frequent meetings and meets once a month with the President of the College.

EXPENSES

The necessary expenses of a student including table board, laundry, books and all College fees amount as a rule to between one hundred and fifty to two hundred dollars for each semester. A list of the College fees follows:

Entrance fee	\$ 5 00
Tuition, per annum.....	100 00
Incidental fee, per annum.....	10 00
Library and Reading Room, per annum.....	3 00
Gymnasium fee, per annum.....	3 00
Room rent, per annum.....	\$20 00 to 50 00
Heat, per annum.....	15 00 to 40 00
Diploma fee	5 00

For laboratory courses in the departments of chemistry, physics and biology, a fee of \$5.00 a semester is charged.

Each student must keep on deposit with the Treasurer \$5.00 as security for damages. Any balance is returned at the close of the year.

College dues are payable in two equal installments, one of which is due near the beginning of each semester. The following rule of the Board of Trustees regulates the payment:

All students are required to pay their term bills in advance. Any student whose term bill shall not have been paid within two weeks after the date of its issue from the Treasurer's office will be suspended from all College privileges until payment has been made. If the bill shall remain unpaid at the end of the semester, the suspension will become final.

DORMITORY ROOMS

Old Kenyon and Hanna Hall, the College dormitories, are handsome, convenient buildings, with the most modern systems for heating and plumbing. The charge for rent and heat varies from \$1 to \$2 a week. The rooms are heated by steam and are finished in hardwood. Furniture must be provided by the student.

All students room in the College dormitories except upon special permission from the President. Rooms are assigned from the President's office.

New students should apply for rooms at least several weeks before the opening of the College year.

Second-hand furniture can often be bought to advantage from students who are leaving College, or through the Superintendent, John Parker, to whom inquiries for furniture should be addressed.

THE COLLEGE COMMONS

By the co-operation of Trustees and Alumni a College Commons was opened in 1912. Gifts in June, 1915, from Samuel Mather, David Z. Norton, James H. Dempsey and William G. Mather provided for the enlargement and improvement of the Commons building. Dining and lounging-rooms are now ample and attractive and the entire equipment is thoroughly modern. The Commons furnishes excellent board at cost and provides a common ground of meeting for all of the men in College.

All students are required to pay a Commons fee of \$35 a semester. The price of board in addition to this fee is \$4 a week, payable strictly in advance.

By action of the Board of Trustees all students receiving scholarship concessions of any kind whatever are required to board at the Commons.

STUDENT ORGANIZATIONS

The literary societies, the Philomathesian, founded in 1827, and the Nu Pi Kappa founded in 1832, are actively maintained. Weekly meetings are held by both societies, and one or more debates with other colleges are arranged each year. Interest is further stimulated by the inter-society debates for the Stires Prizes. By gifts from the Alumni, the society rooms in Ascension Hall are handsomely finished in carved oak, with beamed and paneled ceilings and elaborate window and door casings.

The student publications are the *Collegian*, which appears three times a month during the college year, and the *Reveille*, published annually by the Junior class.

The management of all athletic, musical, dramatic and other interests is vested in the Kenyon College Assembly, the corporate organization of the student body.

REGISTER OF STUDENTS

1919-1920

SENIOR CLASS

- GEORGE LOUIS BRAIN, *Classical*.....14 N. D. Hanna Hall
Springfield
- HENRY SMITH DOWNE, *Philosophical*.....N. D., Hanna Hall
Gambier
- WILLIAM HARRISON GALBERACH, *Philosophical*.....
8 M. D., Hanna Hall
Lima
- *JAMES HERBERT McMURRAY, *Philosophical*..1 S. D., Hanna Hall
Marion
- JOHN FRANCIS SANT, *Classical*.....21 S. D., Hanna Hall
Gambier
- HAROLD GRAHAM WALTON, *Scientific*.....E. W., Old Kenyon
Gambier

JUNIOR CLASS

- JOHN WILLIAM ANGER, *Classical*.....25 S. D., Hanna Hall
Trenton
- JOHN FALKNER ARNDT, *Classical*.....38 N. D., Hanna Hall
Philadelphia, Penna.
- LEWIS JAMES BAILEY, *Philosophical*.....60 W. W., Old Kenyon
Sault Ste. Marie, Mich.
- AARON CHARLES BENNETT, *Classical*.....43 M. D., Hanna Hall
Sharon, Penna.
- WALTER BENNETT, *Scientific*.....27 M. D., Hanna Hall
Sharon, Penna.
- BYRON COLEMAN BIGGS, *Philosophical*.....
Gambier
- ISAAC CURTIS BREWER, *Philosophical*.....60 W. M., Old Kenyon
Sandusky

* Died December 23, 1919.

- DAVID LEE CABLE, *Scientific*.....6 E. D., Old Kenyon
New Philadelphia
- ALBERT SPENCER DANES, *Philosophical*.....38 N. D., Hanna Hall
Patchogue, N. Y.
- WILLIAM COTTON TYHURST DAVIS, *Philosophical*.....
37 N. D., Hanna Hall
Youngstown
- WILLIAM GREGG GEHRI, *Classical*.....11 M. D., Hanna Hall
Sandusky
- JAMES HENRY GREGG, *Philosophical*.....21 E. W., Old Kenyon
Minneapolis, Minn.
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PUBLICATIONS

The Kenyon College Bulletin is issued quarterly by the College. Numbers include catalogues of the collegiate and theological departments, alumni address lists and accounts of proceedings at Commencement. Copies may be obtained on addressing the office of the President.

The Kenyon Book, edited by the late President of Kenyon College, the Rev. William B. Bodine, D.D. This octavo volume of over 400 pages contains a large amount of interesting and important historical matter and is illustrated with numerous views. Copies can be obtained on remitting \$1.50 to the Treasurer of Kenyon College.

Songs of Kenyon. Alfred K. Taylor, '06, Editor. This volume contains about 150 songs distinctive of Kenyon College, most of which were composed by Kenyon men. This book is handsomely gotten up and contains a number of attractive views of the College buildings. Copies can be obtained on remitting \$2.00 to the Treasurer of Kenyon College.

The Reveille is the annual publication of the student body. The business manager of the '20 Annual is Louis Dean Kilgore, '21.

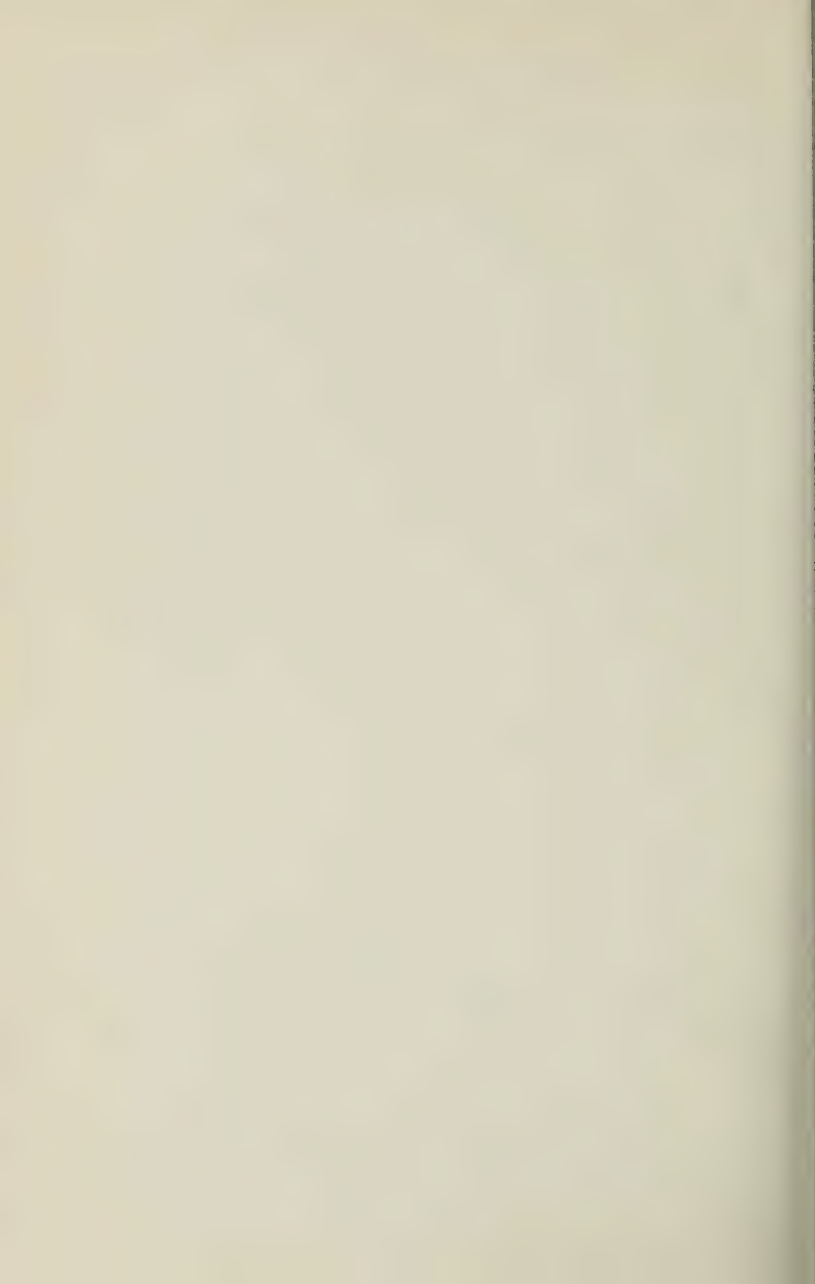
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KENYON COLLEGE BULLETIN

UNIVERSITY OF
NUMBER 69

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THE COLLEGE
CATALOGUE
1920 -:- 1921



PUBLISHED QUARTERLY BY
KENYON COLLEGE
GAMBIER, OHIO

KENYON COLLEGE BULLETIN No. 69

KENYON COLLEGE CATALOGUE

1920 - 1921



GAMBIER, OHIO
PUBLISHED BY THE COLLEGE
1921

COLLEGE CALENDAR

1920-1921

FIRST SEMESTER

- Sept. 22—Wednesday Registration, Ascension Hall, 2 P.M.
College opens with Evening Prayer.
Sept. 28—Tuesday Bexley Hall opens with Evening Prayer.
Nov. 1—Monday All Saints' Day. Founders' Day.
Nov. 22-24—Mon.-Wed. Mid-Semester examinations for new students.
Nov. 25-28—Thurs.-Sun. Thanksgiving Recess.
Dec. 22—Wednesday Christmas recess begins.
Jan. 5—Wednesday College opens with Morning Prayer.
Feb. 2—Wednesday Semester examinations begin.
Feb. 5—Saturday First semester ends.

SECOND SEMESTER

- Feb. 10—Thursday Second Semester begins with Morning Prayer.
Feb. 9—Wednesday Ash-Wednesday.
March 24—Thursday Easter recess begins.
March 31—Thursday College opens with Morning Prayer.
May 5—Thursday Ascension Day.
June 13—Monday Semester examinations begin.
June 20—Monday Ninety-third Commencement.

1921-1922

FIRST SEMESTER

- Sept. 21—Wednesday Registration, Ascension Hall, 2 P.M.
College opens with Evening Prayer.
Sept. 27—Tuesday Bexley Hall opens with Evening Prayer.
Nov. 1—Tuesday All Saints' Day. Founders' Day.
Nov. 21-23—Mon.-Wed. Mid-Semester examinations for new students.
Nov. 24-27—Thurs.-Sun. Thanksgiving recess.
Dec. 21—Wednesday Christmas recess begins.
Jan. 4—Wednesday College opens with Morning Prayer.
Feb. 1—Wednesday Semester examinations begin.
Feb. 6—Monday First semester ends.
Feb. 10—Friday Second Semester begins with Morning Prayer.

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UNDER ARTICLE IV

TERM EXPIRES

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CHARLES B. RAYMOND, Akron	1926
ALBERT A. AUGUSTUS, A.M., Cleveland	1926
H. G. DALTON, ESQ., Cleveland	1926

ELECTED BY THE ALUMNI UNDER
ARTICLE V

	TERM EXPIRES
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Assistant in the Biological Laboratory

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ORGANIZATION

The institution now known as Kenyon College was incorporated December 29, 1824, under the title of "The Theological Seminary of the Protestant Episcopal Church in the Diocese of Ohio." By a supplementary act of the Legislature, the president and professors of the seminary were empowered to act as the faculty of the college and confer degrees in the arts and sciences.

The original funds for the institution were secured in England in 1823-24 by the Right Rev. Philander Chase, first Bishop of the Episcopal Church in the Northwest territory, two of the principal donors being Lord Kenyon and Lord Gambier. The first students were received at the Bishop's house in Worthington, Ohio, in 1824, and the first constitution was approved by the Convention of the Diocese of Ohio on November 27 of the same year. In 1826, two quarter sections of the United States military lands were secured in Knox County. Building was begun in the following year. The first degrees were conferred under date of September 9, 1829.

In 1891 the corporate title was changed to Kenyon College, the name by which the institution had always been known. The Bishops of Ohio and Southern Ohio preside over the Board of Trustees in alternate years.

SITE

Gambier, the seat of Kenyon College, is a village of about five hundred inhabitants, on the Cleveland, Akron and Columbus Railroad, a little east of the center of the State of Ohio, fifty miles from Columbus, five miles from Mt. Vernon and one hundred and twenty miles from Cleveland. The altitude is nearly eleven

hundred feet and the site was chosen by Bishop Chase after careful investigation for natural beauty and healthfulness of climate. The plateau on which the College and village are situated rises about two hundred feet above the valley of the Kokosing river, which flows around it on three sides.

GROUNDS AND BUILDINGS

The original domain of the College comprises about four thousand acres, being a quarter township of the United States Military Reservation of 1795 in Central and Eastern Ohio. Of this domain the College still holds about three hundred and fifty acres including several tracts of woodland. The Ohio Department of Forestry has recently undertaken to develop these forest lands as an exhibit of modern methods of tree culture. Minute surveys have been made and an extensive nursery has been established. Expert supervision is given by the Department to all work that is done on the College domain and it is hoped that in the future the College lands can be used for demonstration in connection with formal courses in forestry.

As Gambier Hill projects into the valley, the College Park commands an extensive view of the fertile, smiling valley of the Kokosing with a background of cultivated hills. The natural charm has been much enhanced by the tasteful arrangement of the grounds. In the Park which contains over ninety acres and many old forest trees, pains have been taken to combine the effects of lawn and woodland. On this extensive tract the building sites have been carefully selected, and the broad Middle Path which connects Old Kenyon with Bexley Hall is two-thirds of a mile long.

The College buildings comprise the dormitories, Old Kenyon (1827) and Hanna Hall (1902); Ascension

Hall (1859), the recitation and laboratory building; Rosse Hall (1831, rebuilt 1899), the gymnasium and assembly room; the Alumni Library (1910, with which is connected the Stephens Stack Room (1902); the Church of the Holy Spirit (1869), the chapel; Bexley Hall (1839), the theological seminary; Colburn Hall (1904), the theological library; "Cromwell Cottage" (1913), the President's House; "Kokosing" (1865), the stone mansion built by Bishop Bedell, standing in its own extensive park; and various other buildings.

OLD KENYON

Old Kenyon, the cornerstone of which was laid in 1827, is a massive Gothic structure of local sandstone. It is one hundred and sixty feet long, three stories high, with solid stone walls four and one-half feet thick at the basement story. The roof carries battlements and pinnacles and is surmounted by a spire one hundred and ten feet high containing the old College Bell. By an Alumni subscription the bell has been recast at the Meneely Foundry.

In 1907 Old Kenyon was completely rebuilt on the interior at an expense of over \$75,000, the external appearance remaining unchanged. The walls and roofs were thoroughly repaired and in part rebuilt with the best and most permanent materials, so that the building is now unexcelled among college dormitories for strength, comfort and beauty.

Old Kenyon contains rooms for between eighty and ninety students. The interior finish is of Flemish oak of handsome grain with wainscoting in the halls. The staircases have Gothic newel posts and birch hand rails. At all the windows are placed broad window seats of solid oak which cover the steam radiators. Rather more than one-half of the rooms are arranged in suites.

The plumbing and heating systems are of the best and most modern type.

HANNA HALL

This dormitory was opened to students in December, 1903. The building is of gray Cleveland sandstone, in Collegiate Gothic style. It is two stories high with gables, measures one hundred and thirty feet long by fifty feet deep, and houses about fifty students. The building is constructed throughout in the best and most substantial way.

The doors and window casings and the wainscoting are of Flemish oak, and the floors of polished hardwood. Heat is furnished by steam boilers. Running water is supplied in every bed-room. In comfort and in elegance of appointment the building has no superior among college dormitories.

Hanna Hall was built in honor of his wife by the late Marcus A. Hanna, United States Senator from Ohio, at a cost of over \$65,000. Charles F. Schweinfurth, of Cleveland, was the architect.

ASCENSION HALL

Ascension Hall is a stately Collegiate Tudor building of reddish-gray freestone, one hundred and thirty feet long and three stories high. Members of the Church of the Ascension, New York, provided for its construction in honor of their former rector, Bishop Bedell. It contains the lecture and recitation rooms, the physical, chemical and biological laboratories and workshops, the halls for literary societies, and the offices of the President and Treasurer. The battlemented tower of the building serves as the astronomical observatory. A steam heating plant given by Samuel Mather of Cleveland is installed in the basement and provides for both Ascension and Rosse Halls.

COLLEGE CHAPEL

The Church of the Holy Spirit, the College Chapel, was built in 1869, by the Church of the Ascension, New York, as a tribute to their former rector, Bishop Bedell. It is a cruciform edifice of Early English architecture and is built of freestone in courses, with dressed quoins and facings. The nave and chancel are ninety feet, the transepts eighty feet in length. Ivy, transplanted from Melrose Abbey, covers the walls.

The interior of the church is finished in oak, the walls are tastefully illuminated, and all the windows are of stained glass. The organ is a memorial to Bishop McIlvaine, and a mural tablet, erected by the Diocese of Ohio, commemorates the founder of Kenyon College, the Rt. Rev. Philander Chase.

In the church tower in the College clock and a set of nine bells, together with a mechanism which rings the Westminster chimes at the quarter hours.

By the will of the late Mrs. Bedell a fund was established for keeping the church and Kokosing in repair.

LIBRARY AND STACK ROOM

Hubbard Hall, the first library building, was burned January first, 1910, but the adjacent stack-room saved the mass of the library. On its site has been built the spacious and beautiful Alumni Library at a cost of about \$50,000. The principal donors are the Alumni of the College and David Z. Norton, Esquire, of Cleveland, who has given the Reading Room.

In construction the Alumni Library is practically fireproof—floors, partitions and staircases being built of steel and tile. Glenmont sandstone in broken courses with trimmings of Cleveland cut stone forms the exterior walls. Besides working rooms for the Librarian, the Library contains a spacious periodical room, a hall of

meeting for the Faculty and Trustees, and two Seminar rooms for class instruction. Built as a part of the Alumni Library is a superb Gothic Reading Room patterned after an English College hall, with stone-mullioned Tudor windows filled with leaded opalescent glass, and with a lofty ceiling carried by richly carved beams and trusses. In honor of the donor, this structure is called Norton Hall.

The books are housed in the Stephens Stack Room, a gift of the late James P. Stephens, '59, of Trenton, N. J. The construction is strictly fireproof, stone brick, steel, and glass being the only materials used in the building. It provides space for about 50,000 volumes.

The library of 27,500 volumes is catalogued according to the Dewey system and is open throughout the day and evening. The books are unusually well chosen and form an admirable working library for undergraduate students. In history, in biography, and in English, French, and German literature the collection are good, and the mathematical department contains the library of the late John N. Lewis of Mt. Vernon, which consists of some 1,200 volumes. Accessions are made on the recommendations of the several professors.

The purchase of new books is provided for by several endowments. The Hoffman fund was established by Frank E. Richmond, Esq., Providence, R. I., for the purchase of new books. In 1901 the James P. Stephens Library Fund of about \$18,000 was founded by James P. Stephens, '59, of Trenton, N. J. By the wish of the donor a considerable part of the income will for the present be devoted to the purchase of classical works in other languages than English. The Klock Fund is devoted to the purchase of books for the Department of English and the Vaughn Fund to the binding of periodicals.

The reading room receives the leading American and English periodicals, and ten or twelve French and German reviews, and is open to students during the library hours.

An additional library of 12,000 volumes, chiefly theological, is housed in Colburn Hall.

GYMNASIUM

Rosse Hall, the gymnasium and assembly room, is an Ionic structure of sandstone about one hundred by seventy-five feet. Built in 1831 as the College Chapel it was burned in 1897. The reconstruction was provided for by James P. Stephens, Mrs. Julia T. Bedell and other donors, and especially by "The William and Mary Simpson Memorial Fund" given by Mrs. Mary A. Simpson of Sandusky. To the restoration was also applied a bequest of five thousand dollars from Senator John Sherman. The principal hall serves as a gymnasium and assembly hall, and is provided with gymnastic apparatus presented by the Alumni. Shower baths and dressing rooms with all-steel lockers are supplied in the basement, which also contains a baseball cage.

ATHLETICS

Kenyon College is one of the oldest members of the Ohio Intercollegiate Athletic Association. The college arranges complete schedules with the other members of the association in football, basketball, baseball, and track.

Benson Field is finely situated at the foot of the College hill where the shaded hillside provides a natural grandstand. Baseball and football grounds are laid out and the field is surrounded by a cinder track measuring more than one-third of a mile. A straight-away course of 220 yards is a particularly fine feature.

Several tennis courts are laid out near the College dormitories.

The Kenyon College Rifle Club is a member of the National Rifle Association, under control of the Board for the Promotion of Rifle Practice of the War Department. All students are eligible to membership, the dues being merely nominal. The out-door range of the Club, where members qualify as marksman, sharpshooter and expert with the Krag rifle at 200, 300, 500 and 600 yards, is within easy walking distance. Weather permitting, practice is held on this range on Wednesday and Saturday afternoons in the spring and fall. All scores are recorded, and certified copies may be obtained by members desiring to enter the Service.

LABORATORIES

The north end of Ascension Hall, comprising eighteen rooms, is given up to the physical, chemical and biological laboratories. The Bowler Fund makes provisions for accessions of apparatus and books.

The Chemical Laboratory occupies eight rooms in addition to the lecture and preparation rooms and museum. The laboratory in general chemistry has been enlarged and now accommodates sixty students. The laboratories for work in qualitative and quantitative analysis and organic chemistry are smaller but well equipped. There are hoods and balances, with ample store room facilities, and the stock of chemicals and apparatus has been made adequate for work in general, analytical and organic chemistry, including chemical preparations. This laboratory has its own library of four hundred volumes, including standard reference works in several languages, and files of the leading chemical journals. An excellent collection of typical minerals is provided.

The Physical Laboratory, which occupies a part of the first floor and basement of Ascension Hall, is well equipped for experimental work both in the laboratory proper and the lecture room. High grade apparatus is being added continually so as to facilitate as much as possible qualitative class room demonstrations, and in the laboratory, the attainment of precision in measurements. Of the present equipment of the department may be mentioned its electric power plant, which furnishes light for the laboratories and current for experimental work. This outfit consists of a 14 H. P. gas engine, a $7\frac{1}{2}$ K. W. generator, an 80 amperehour storage battery of 56 cells, and an elaborate battery distributing switchboard. Alternating current is available from a separate motor generator set.

Other pieces of apparatus worthy of notice are: A 29-inch spark induction coil with its accessories for X-ray work, a large Tesla high tension transformer, a 30,000-pound Riehlé machine for testing the strength of materials, and a large number of measuring instruments for use in the study of nearly every branch of Physics.

Several physical journals are taken, and kept on file, and a number of the most recent books on various physical subjects are being added to the general library each year. These have been so selected as to furnish ample material for collateral reading and thesis work.

The Biological Laboratory occupies rooms on the third floor of Ascension Hall. The main room is well lighted from above and contains sixteen Bausch and Lomb compound microscopes, sixteen dissecting microscopes, paraffine bath, incubator, sterilizers and Minot rotary and automatic precision microtomes. Desks and lockers are provided for twenty students.

The department has its own working library, consisting of standard reference books in English, German and French, while additional books needed for advanced work are procured from the Boston Society of Natural History or from university libraries.

MATHEMATICAL INSTRUMENTS

The observatory has a telescope of five and one-fourth inches aperture, the object glass of which was made by Alvan Clark & Son. It is also supplied with a transit of two inches aperture and a sidereal clock. The Department of Astronomy owns a set of Trouvelot astronomical drawings.

The income of the Delano Astronomical Fund is used for the observatory.

For the use of students in surveying, the Department of Mathematics possesses an excellent transit, Y level, plane table, draughting machine, and compass, with the necessary appurtenances.

THE BEDELL LECTURESHIP

A fund of five thousand dollars established by Bishop and Mrs. Bedell provides for biennial lectures on the Evidences of Natural and Revealed Religion, or the Relation of Science to Religion. These lectures are given every second year on Founders' Day, which is celebrated on the Festival of All Saints. The publication of the lectures is provided for.

The following lectures have been delivered:

The Rt. Rev. John Williams, D. D., LL.D., "The World's Witness to Christ." 1881.

The Rt. Rev. Henry Cotterell, D.D., "Revealed Religion in Its Relation to the Moral Being of God." 1883.

The Rt. Rev. Hugh Miller Thompson, D.D., "The World and the Logos." 1885.

The Rev. James McCosh, S.T.D., LL.D., "The Religious Aspect of Evolution." 1887.

The Rt. Rev. David H. Greer, D.D., "The Historical Christ, the Moral Power of History." 1889.

The Rt. Rev. Arthur Cleveland Coxe, D.D., LL.D., "Holy Writ and Modern Thought." 1891.

The Rt. Rev. William A. Leonard, D. D., "The Witness of the American Church to Pure Christianity." 1893.

The Rt. Rev. Boyd Vincent, D.D., "God and Prayer; the Reasonableness of Prayer." 1895.

The Rev. William Reed Huntington, D.D., "A National Church." 1897.

The Rev. Morgan Dix, D.D., D.C.L., "The Supernatural Character of the Christian Religion." 1899.

The Rt. Rev. Henry C. Potter, D.D., D.C.L., "Man, Men, and Their Master." 1901.

The Rt. Rev. William Croswell Doane, D.D., "Evidence, Experience, Influence." 1903.

The Rt. Rev. Arthur C. A. Hall, D.D., "The Relations of Faith and Life." 1905.

The Rt. Rev. Thomas F. Gailor, D.D., Bishop of Tennessee, "The Christian Church and Education." 1909.

The Rev. George F. Smythe, D. D., "The Sheperd of Israel: A Contribution to the Evidences of Revealed Religion." 1911.

The Rev. George Hodges, D.D., Dean of the Cambridge Divinity School, "The Church in the Fourth Century." 1913.

The Rev. W. H. P. Faunce, D.D., President of Brown University, "The Enlarging Horizon of Church and State." 1917.

The Rev. William T. Manning, D.D., Rector of Trinity Church, New York City. "The Call to Unity." 1919.

THE LARWILL LECTURESHIP

This fund of ten thousand dollars is the gift of Joseph H. Larwill, Esq., of the class of 1855. The income is available for occasional lectures or for courses of lectures on subjects of general interest. The Founder desires that at least every third year a lecture or a course of lectures, philosophical in tone, shall be delivered on one of these great subjects: "What can I know? What ought I to do? For what can I hope?"

At the discretion of the College Faculty, lectures delivered on the Foundation may be published.

Among the recent occasional lecturers on this Foundation have been Professor Brander Matthews of Columbia University; Hamilton Holt, managing editor of the New York INDEPENDENT; Dr. Svante Arrhenius, of the University of Stockholm; Professor Anatole Lebraz, of the University of Rennes; The Rev. Dr. Reginald J. Campbell, Birmingham, Eng.; Dr. Talcott Williams, Dean of the Pulitzer School of Journalism, Columbia University; William Butler Yeats, Sydney George Fisher, LL.D., Canon James O. Hannay, Eugene Brioux, Lady Gregory, Alfred Noyes and Hugh Walpole.

Formal academic courses have been delivered as follows:

Charles W. Eliot, LL.D., President Emeritus of Harvard University. "The Future of Trades Unionism and Capitalism in a Democracy," October, 1909. (G. A. Putnam's Sons.)

The Hon. Theodore E. Burton, United States Senator from Ohio, "Modern Democracy." November, 1911.

George Edward Woodberry, formerly head of the Department of Comparative Literature at Columbia University, "Two Aspects of Criticism: Creative and Historical." May, 1913.

John W. Burgess, LL.D., formerly Professor of Political Science and Constitutional Law in Columbia University, "The Administration of President Hayes." October, 1915. (Scribner's.)

Irving Babbitt, A.M., Professor of French Literature at Harvard University. "Democracy and Imperialism." March, 1920.

THE STIRES PRIZES

Two prizes of \$35 and \$15 respectively, are offered annually by the Rev. Dr. Stires, Rector of St. Thomas Church, New York, for excellence in debating. The contestants are chosen from the two upper classes and represent the Philomathesian and Nu Pi Kappa literary societies.

THE KING PRIZES

Through the generosity of Mr. Ralph King of Cleveland prizes amounting to \$100 are offered annually to members of the Freshman and Sophomore classes for excellence in writing and in public speaking. A first prize

of \$35 and a second prize of \$15 are given to each class, the award being made at Commencement by the Department of English for the work of the year.

SCHOLARSHIP AND BENEFICIARY AID

The charges for tuition and minimum room rent are remitted to the sons of clergymen and to postulants for Holy Orders. Limited appropriations are made to postulants for Holy Orders by the Trustees of the Ethan Stone Fund and by the Joint Education Committee of the Dioceses in Ohio.

All scholarships are held subject to the following regulation of the Faculty: "All students holding scholarships of any kind shall be required to maintain an average grade of two and one-half, to observe reasonable economy in expenditure, and to refrain from behavior which will subject them to college discipline."

(a) ENDOWED SCHOLARSHIPS.

The John W. Andrews, Jr., Scholarship, of \$3,000, the gift of Hon. John W. Andrews, of Columbus, Ohio, in memory of his son.

The Austin Badger Scholarship, of \$1,400, founded by bequest of Austin Badger, of Medina, Ohio. The income is to be awarded only to a student preparing for the ministry.

The Philo Sherman Bennett Scholarship, of \$500, assigned to Kenyon College by the Hon. William J. Bryan as administrator for Mr. Bennett. The income of this fund is to be given to needy and deserving students.

The Alfred Blake Scholarships, three perpetual scholarships, covering tuition, the gift of Mrs. Alfred Blake of Gambier.

The Carnegie Scholarship Fund, of \$25,000, the gift of Andrew Carnegie, Esq. Grants from the income of this fund are made to needy and deserving students for the payment of College bills. Postulants for Holy Orders are ineligible.

The Carter Scholarship Fund, of \$5,000, the gift of Mrs. Carter, of Albany, New York, in memory of her husband, the Rev. George Galen Carter, S.T.D., of the class of 1864, and his father, the Rev. Lawson Carter, late of Cleveland, Ohio. The income provides for two scholarships and in making appointments preference is to be

given to postulants for Orders, especially to such postulants as are sons of clergymen.

The Cushing Scholarship of \$5,000, founded by his parents in memory of Kirke W. Cushing, '14, The appointment is placed in the hands of the President, the Professor of English and the Professor of Mathematics with the direction that it be conferred upon a student of special need and merit who has been at least one year in residence.

The French Prize Scholarship, a perpetual scholarship covering tuition in Kenyon College, the gift of Mrs. Robert French, of Gambier, to be awarded to the student of the Preparatory Department standing highest in grade and deportment.

The Thomas A. McBride Scholarship, of \$2,000, founded by bequest of Mrs. Mary A. McBride, of Wooster, Ohio, in memory of her son, Thomas A. McBride, of the class of 1867.

The Nash Scholarship, of \$10,000, founded by bequest of Job M. Nash, of Cincinnati. The income provides for three scholarships of about \$200 each.

The Southard Scholarship, of \$2,500, the gift of Mr. George F. Southard, of the class of 1873. Preference is to be given to a student in regular standing.

(b) LOAN FUNDS.

The Curtis Fund, which now amounts to over \$30,000.00.

The late Henry B. Curtis, LL.D., of Mt. Vernon, Ohio, granted to the Trustees of Kenyon College a fund for the aid of meritorious students by loans of money at a low rate of interest. The interest is intended to meet only the risk of death, and is not to be greater than the average rate of life insurance.

The application for a Curtis scholarship must state the applicant's name, residence and age, and his father's name and address. The father or guardian must endorse the application and express his belief that the loan will be repaid at maturity. The Faculty will consider the application to be confidential, and in granting the loan will take into consideration the applicant's character, ability and merit, including his examinations in school and college, and his record for regularity, punctuality and general conduct. The appropriations are made for only a year at a time. The maximum loan for one year is \$150, but for a student's first year \$75. The sum appropriated is paid in two equal parts, one at the beginning of each semester. Upon each payment the student gives his promissory note for the repayment five years from date, with interest at the rate of one and a half per cent.

The Ormsby Phillips Fund, of \$1,000, which was established by Mr. and Mrs. Bakewell Phillips, of Pittsburg, Pennsylvania, to be loaned without interest to a student for the ministry.

(c) THE HIGH SCHOOL SCHOLARSHIPS.

By action of the Board of Trustees, eight scholarships in Kenyon College are offered each year to male graduates of high schools in the State of Ohio. The application must state that the assistance is necessary to enable the student to pursue a course at Kenyon College and must be signed by both the applicant and his father or guardian. A certificate from the principal of the high school testifying to intellectual proficiency and moral character is also required. The scholarships cover tuition.

ADMISSION

In the following statement the term "Unit" means a course of study of five recitation periods a week continued through a full school year. For entrance to all college courses fifteen such Units are required. The pages immediately following contain a detailed description of the subjects that will be accepted as Units for admission.

TABLE OF REQUIREMENTS FOR ADMISSION

FOR THE CLASSICAL COURSE:		UNITS
English.....		3
Mathematics.....		2½
Latin or Latin and Greek.....		4
Other Foreign Language.....		2
History.....		1
Additional.....		2½
		15
FOR THE PHILOSOPHICAL COURSE:		UNITS
English.....	3	
Mathematics.....	2½	
Foreign Languages.....	4	
History.....	2	
Sciences.....	1	
Additional.....	2½	
		15
FOR THE SCIENTIFIC COURSE:		UNITS
English.....	3	
Mathematics.....	4 or 3	
Foreign Languages.....	3 or 4	
History.....	1	
Sciences.....	2	
Additional.....	2	
		15

The following table shows the minimum and maximum amounts which will be accepted in each subject:

	UNITS		UNITS
English.....	3-4	German.....	1-3
Mathematics.....	2½-4	History.....	1-3
Latin.....	1-4	Sciences.....	1-3
Greek.....	1-3	Drawing.....	1
French.....	1-3	Shopwork.....	1

ENTRANCE SUBJECTS IN DETAIL

ENGLISH

I. THREE UNITS. (a) Reading. A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject matter, and to answer simple questions on the lives of the authors. On several assigned topics a brief written discussion will be required at the examination. The object is to test the candidate's power of clear, accurate expression, and will call for only a general knowledge of the substance books. In place of a part of this test the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the book. No student will hereafter be admitted without examination except on the presentation of such properly certified exercise book, or of an explicit statement from his instructor of the books read in class and the amount of composition work required. The substitution of equivalent books for those given below will for the present be permitted. In preparation for this part of the requirement it is important that the candidates shall have been instructed in the fundamental principles of rhetoric.

LIST OF BOOKS FOR GENERAL READING

The student selects ten Units, two from each of the five following groups. Each unit is set off by semicolons.

GROUP I. THE OLD TESTAMENT; comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

GROUP II. SHAKESPEARE. *Midsummer Night's Dream*, *Merchant of Venice*, *As You Like It*, *Twelfth Night*, *The Tempest*, *Romeo and Juliet*, *King John*, *Richard II*, *Richard III*, *Henry V*, *Coriolanus*, *Julius Caesar*, *Macbeth*, *Hamlet*. If not chosen for study under B.

GROUP III. PROSE FICTION. Malory: *Morte d'Arthur* (about 100 pages); Bunyan: *Pilgrim's Progress*, Part I; Swift: *Gulliver's*

Travels (voyages to Lilliput and to Brobdingnag); Defoe *Robinson Crusoe, Part I*; Goldsmith: *Vicar of Wakefield*; Frances Burney: *Evelina*; Scott's Novels: any one; Jane Austen's Novels; any one; Maria Edgeworth; *Castle Rackrent, or The Absentee*; Dickens' Novels: any one; Thackeray's Novels: any one; George Eliot's Novels: any one; Mrs. Gaskell; *Cranford*; Kingsley: *Westward Ho! or Hereward, the Wake*; Reade: *The Cloister and the Hearth*; Blackmore: *Lorna Doone* Hughes: *Tom Brown's Schooldays*; Stevenson's *Treasure Island, or Kidnapped, or Master of Ballantrae*; Cooper's Novels: any one; Poe: *Selected Tales*; Hawthorne: *The House of the Seven Gables, or Twice Told Tales, or Mosses From an Old Manse*. A collection of Short Stories by various standard writers.

GROUP IV. ESSAYS, BIOGRAPHY, ETC. Addison and Steele: *The Sir Roger de Coverley Papers, or Selections from the Tatler and Spectator* (about 200 pages); Boswell: *Selections from the Life of Johnson* (about 200 pages); Franklin: *Autobiography*; Irving: *Selections from the Sketch Book* (about 200 pages), or *Life of Goldsmith*; Southey: *Life of Nelson*; Lamb: *Selections from the Essays of Elia* (about 100 pages) Lockhart: *Selections from the Life of Scott* (about 200 pages); Thackeray: *Lectures on Swift, Addison, and Steele in the English Humorists*; Maccaulay: any one of the following essays: *Lord Clive, Warren Hastings, Milton, Addison, Goldsmith, Frederic the Great, Madame d'Arblay*; Trevelyan: *Selections from the Life of Macaulay* (about 200 pages); Ruskin: *Sesame and Lilies, or Selections* (about 150 pages); Dana: *Two Years Before the Mast*; Lincoln: *Selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greely, together with a brief memoir or estimate of Lincoln*; Parkman: *The Oregon Trail*; Thoreau: *Walden*; Lowell: *Selected Essays* (about 150 pages); Holmes: *The Autocrat of the Breakfast Table*; Stevenson: *An Inland Voyage and Travels With a Donkey*; Huxley: *Autobiography* and *Selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk*; A collection of Essays by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of Letters by various standard writers.

GROUP V. POETRY. Palgrave: *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave: *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen under *Study*); Goldsmith: *The Traveller* and *The Deserted Village*; Pope: *The Rape of the Lock*; a collection of English and Scot-

tish ballads, as, for example, some *Robin Hood* ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection from later ballads; Coleridge: *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron: *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott: *The Lady of the Lake* or *Marmion*; Macaulay: *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivry*; Tennyson: *The Princess* or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News From Ghent to Aix*, *Home Thoughts From Abroad*, *Home Thoughts From the Sea*, *An Incident of the French Camp*, *Herve Riel*, *Pheidippides*, *My Last Duchess*, *Up At a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Piper*, "*De Gustibus*"—, *Instans Tyrannus*; Arnold: *Sohrab and Rustam* and *The Forsaken Merman*; selections from American Poetry, with especial attention to Poe, Lowell, Longfellow, and Whittier.

(b) Study and Practice. This part of the examination presupposes the thorough study of each of the works named in this division. The examination will be upon subject matter, form and structure. *In addition the candidate may be required to answer questions involving the essentials of English grammar, and the leading facts in those periods of English history to which the prescribed book belongs.*

LIST OF BOOKS FOR STUDY

This part of the requirement is intended as a natural and logical continuation of the student's earlier reading. Greater stress is laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. For this close reading the books are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA. Shakespeare: *Julius Caesar*, *Macbeth*, *Hamlet*.

GROUP II. POETRY. Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson: *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III. ORATORY. Burke: *Speech on Conciliation with America*; Macaulay: *Speech on Copyright*, and Lincoln; *Speech at Cooper Union*; Washington: *Farewell Address*, and Webster: *First Bunker Hill Oration*.

GROUP IV. ESSAYS. Carlyle: *Essay on Burns*, with a selection from Burns' Poems; Macaulay: *Life of Johnson*; Emerson: *Essay on Manners*.

2. FOUR UNITS. In addition to the preceding a fourth unit may be offered in English Composition.

No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom or division into paragraphs.

An examination in composition will be required of all new students.

MATHEMATICS

1. TWO AND ONE-HALF UNITS. (a) Algebra (one and one-half units), through Simultaneous Quadratic Equations.

(b) Plane Geometry (one unit).

A thorough review of Algebra and Geometry should be completed during the year preceding entrance to College.

2. THREE TO FOUR UNITS. In addition to the preceding.

(a) Solid Geometry (One-half unit).

(b) Advanced Algebra, including the theory of Logarithms, Series, Determinants and Partial Fractions, and Elementary Theory of Equations (one-half unit).

(c) Plane Trigonometry, with special attention to the derivation of formulæ and the accurate solution and checking of problems (one-half unit).

LATIN

I. ONE UNIT. Latin grammar with easy reading, consisting of twenty or thirty pages of connected text. In all written exercises the long vowels should be marked, and in all oral exercises pains should be taken to make the pronunciation conform to the quantities.

The student should be trained from the beginning to grasp the meaning of the Latin before translating, and then to render into idiomatic English; and should be taught to read the Latin aloud with intelligent expression.

2. TWO UNITS. In addition to the preceding, selections from Cæsar's *Gallic War* equivalent in amount to four or five books; selections from Nepos may be taken as a substitute for an amount not exceeding two books. The equivalent of at least one period a week in prose composition based on Cæsar. Frequent written exercises and translation at sight from Cæsar.

3. THREE UNITS. In addition to the preceding, six orations of Cicero, including the *Manilian Law*. Sallust's *Catiline* will be accepted as a substitute for an equivalent amount of Cicero.

The equivalent of at least one period a week in prose composition, based on Cicero. Frequent written exercises and translation at sight from Cicero.

4. FOUR UNITS. In addition to 1 and 2, Virgil's *Aeneid*. For a portion of this may be substituted selections from *Ovid*. Constant practice in the metrical reading of Latin verse.

The equivalent of at least one period a week in prose composition. Frequent translation at sight from Virgil and Ovid.

GREEK

1. ONE UNIT. Grammar. *Anabasis*, twenty pages. The student should have constant practice in reading Greek aloud and in translating into Greek. Syntax is best taught in connection with the text read, but the most important paradigms should be learned before beginning the *Anabasis*.

2. TWO UNITS. In addition to the preceding, *Anabasis* I-IV. Greek prose based on the *Anabasis* should be written daily.

3. THREE UNITS. In addition to 1 and 2, *Anabasis* reviewed, *Iliad*, not less than 1900 lines. Mythology and scansion should be taught in connection with the *Iliad*. Greek prose based on the *Anabasis*.

FRENCH

1. ONE UNIT. In one year the student should acquire a fairly accurate pronunciation and such a knowledge of elementary grammar and vocabulary as will enable him to translate very simple French into English as well as short English sentences into French. He should read one or another of the standard French readers for beginners, or an equivalent amount of prose selected from suitable texts.

2. TWO UNITS. In the second year a more complete study of the grammar should be made in connection with exercises in composition, and a number of the less difficult short stories by modern French writers should be read. For the work of two years two units' credit is given.

3. THREE UNITS. The work of the third year should embrace the reading of several novels and plays and the writing of more advanced composition. For the work of three years three units' credit is given.

GERMAN

1. ONE UNIT. Careful drill in pronunciation, elementary grammar, including a thorough knowledge of forms and simple syntax; reading of about 150 pages of easy modern German, mainly narrative prose; elementary drill in speaking and writing German.

2. TWO UNITS. Further Study of the Grammar, including a more thorough treatment of syntax; continued practice in writing and speaking German; reading, in addition to 1, of about 250 pages of modern German from standard authors.

3. THREE UNITS. Continuation of the study of the grammar, composition and conversation; the reading in addition to 1 and 2 of about 500 pages of classical and modern German prose and poetry.

HISTORY

1. GENERAL HISTORY. As much as is contained in Myers' *General History*.

2. (a) GREEK HISTORY. Myers' or Botsford's *History of Greece* or an equivalent (one-half unit).

(b) ROMAN HISTORY. Allen's *History of the Roman People* or Botsford's *Roman History* (one-half unit).

3. ENGLISH HISTORY. The equivalent of Andrews' or Cheyney's *History of England*, with collateral reading.

4. UNITED STATES HISTORY. A comprehensive course based on such a text as Adams and Trent or McDonald's Johnston's, with considerable collateral reading.

5. (a) UNITED STATES HISTORY. John Fiske's *History of the United States* or an equivalent (one-half unit).

(b) POLITICAL SCIENCE, as much as is contained in John Fiske's *Civil Government in the United States* (one-half unit).

SCIENCE

1. ELEMENTARY PHYSICS. An amount of work equivalent to that in the text of Carhart and Chute, Hoadley, or Millikan & Gale is required. Particular attention should be given to the practical laboratory methods, and the solution of numerical problems.

2. ELEMENTARY CHEMISTRY. A course including both laboratory work and class room work in Inorganic Chemistry. The following recent text-books may be taken to indicate the work desired: Brownlee's *First Principles of Chemistry*, or Hessler & Smith's *Essentials of Chemistry*, or McPherson & Henderson's *A First Course in Chemistry*.

3. GENERAL BIOLOGY. Adaptation to environment, protective resemblance, variation, etc, should be studied. A general study of the activity and local distribution of typical form of life. Laboratory work is essential. Boyer's *Elementary Biology*, or selections from Davenport's *Introduction to Zoology*, together with Bergen's *Elements of Botany*, represent approximately the amount required.

4. BOTANY. The essential principles of plant life and growth together with a careful study of typical plant forms. Variability, adaptation, assimilation, respiration, digestion, growth and reproduction should be carefully studied. An equivalent of Atkinson's *Lessons in Botany*, or Bergen's *Foundations of Botany*, should be presented.

5. ZOOLOGY. Knowledge of the typical forms both invertebrate and vertebrate is required. Ability to recognize the specimen, to indicate its relationships, and to point out the principal features of its life history, organization and physiology. An equivalent of Kellogg's *Elementary Zoology* or Davenport's *Introduction to Zoology*.

RULES FOR ADMISSION

Candidates for admission must present testimonials of good moral character, and if they come from other colleges certificates of dismissal in good standing.

Examination for entrance are held at the opening of the college year the third Wednesday in September.

Certificates will be provisionally accepted from the principal of any accredited High or Preparatory School, and will exempt the student from entrance examinations in the subjects covered, provided that they are in the hands of the Registrar at the opening of the year. No student is admitted whose certificates do not cover at least 14 units of preparatory work.

The privilege of registration is extended only to students who either pass the entrance examinations or present satisfactory certificates.

The College furnishes certificate blanks, which must state in detail the courses that the student has completed, together with the ground covered and the time given to each course.

At entrance, all students are received upon probation, and their work is subject to careful inspection. Matriculation (see p. 58) gives final credit for certificates and accords full standing in College. Immediately before the Thanksgiving recess, mid-semester examinations are given to all new men. To be matriculated a student must maintain a passing grade in at least twelve hours of work, to be determined by class standing and the mid-semester examinations. Students who fail to matriculate may be continued upon probation, but failure to pass in nine hours of work at the end of the semester drops them from college.

Applicants for admission who lack preparation in Greek, German or French, will be given an opportunity in College to make up in one of these languages not more than two units of deficiency.

Advanced Standing

Candidates for advanced standing will be examined in all prescribed studies antecedent to the desired grade,

including the requirements for admission to college and in such elective studies as shall be chosen by the candidate and approved by the Faculty.

Students from other colleges will be admitted to such standing as the Faculty may deem equitable in each case. Candidates are required to present a certified statement of the studies they have pursued and their proficiency therein, together with a catalogue of the college from which they come.

COURSES OF STUDY

Three courses of study are offered—classical, philosophical, and scientific. After the freshman year in all courses students are permitted to elect a large proportion of their work. The prescribed requirements aim at securing breadth and continuity without sacrificing flexibility. On the following pages is printed a conspectus showing the prescribed subjects and the range of electives for each course.

THE CLASSICAL COURSE. Four years of classical language are required for admission and a considerable amount of classical language must be taken in College. If the student takes Latin and no Greek he is required to complete a course in Greek literature for which no knowledge of the language is necessary. The degree of bachelor of Arts is conferred upon the completion of this course.

THE PHILOSOPHICAL COURSE. This course emphasizes modern language both for preparation and in College although units in any foreign language may be presented for admission. In College five years of language must be taken of which at least three years must be in one language. About the same proportion of electives is allowed as in the Classical course. The degree of Bachelor of Philosophy is conferred upon the completion of this course.

THE SCIENTIFIC COURSE. The arrangement of subjects in this course is intended primarily to meet the needs of students who intend to take technical or engineering courses later. Advanced work in mathematics and in physics is prescribed and numerous electives are offered in the scientific subjects which are fundamental for technical training. Students who complete this course with the proper electives in science are able to make third year standing in engineering schools of first grade. The degree of Bachelor of Science is conferred upon the completion of this course.

SPECIAL COURSES. Students are urged to enter one of the three regular courses but in individual cases permission to take special work is granted. Students who intend to study engineering can thus complete in three years a sufficient amount of work in

general science to secure practically two years of advanced credit in a good technical school. By this means the student gains the advantage of the personal instruction and the academic atmosphere of a literary college, with little sacrifice of time.

CONSPECTUS OF COURSES OF STUDY

Freshman Year

ALL COURSES:	HOURS
English 1, 2*	3
Mathematics 1, 2 or 3, 4	3
Physical Training	1
CLASSICAL:†	
Greek or Latin	3
Other Foreign Language	3
Chemistry 1, 2 or Physics 1, 2	4
PHILOSOPHICAL:**	
Two Foreign Languages	6
~~To be chosen from French, German and Latin.~~	
Chemistry 1, 2 or Physics 1, 2	4
SCIENTIFIC:	HOURS
Two Foreign Languages	6
~~To be chosen from French, German and Latin.~~	
One Science	3 or 4
To be chosen from Biology, Chemistry and Physics.	

Sophomore Year

ALL COURSES:	
English 3, 4	3
Bible 1, 2	1
Physical Training	1
CLASSICAL:	
One Ancient Language	3
One Modern Language	3
One Science	3
Elective	3

*The number identifies the course as described under Departments of Instruction.

†All classical students must complete in College four years of Classical Language; if Greek is begun in College, it must be carried two years; if no Greek Language is taken Greek 11 and 12 must be taken.

**All philosophical students must complete in College five years of Foreign Language of which three years must be in one language.

PHILOSOPHICAL:	HOURS
Two Foreign Languages.....	6
One Science.....	3
One Elective.....	3

SCIENTIFIC:

One Foreign Language.....	3
Science chosen in Freshman year continued.....	3
Two additional sciences.....	6
To be chosen from Biology, Chemistry, Physics and Mathematics.	

Of the above, the choice of optional courses must be for the entire year. No restriction is put upon the electives.

ELECTIVE COURSES OPEN TO SOPHOMORES:

Greek 1-8, 11, 12	Chemistry 3-8	Political Science 1-4.
Latin 3-10	Biology 1-4	Economics 1, 2
German 1-6	Physics 1-4	Business, 7-10
French 1-4	Mathematics 3-16	Sociology, 11-14
Spanish	History 1, 2	
Italian		

All Electives are three-hour courses.

Junior Year

ALL COURSES:	HOURS
English 5, 6.....	3
History 7, 8.....	3

CLASSICAL:

Two Sophomore courses continued.....	6
Two electives	6

PHILOSOPHICAL:

One Language.....	3
One Sophomore course continued.....	3
Two Electives.....	6

SCIENTIFIC:

Two Sciences*.....	6
Two Electives.....	6

*Biology 1, 2, Chemistry 1, 2, and Physics 1, 2, are required for graduation in the Scientific course.

ELECTIVE COURSE OPEN TO JUNIORS:

English 9, 11, 13-22	Chemistry 5-10	Political Science 1-4
Greek 5-14	Biology 1-12	Economics 1-8
Latin 5-14	Physics 1-16	Business 7-10
German 1-10	Mathematics 5-16	Sociology 11-14
French 1-10	Astronomy	Philosophy 1-4
Spanish	History 1-6, 9, 10	The Bible 4, 6
Italian		

All Electives are three-hour courses.

Senior Year

ALL COURSES:

HOURS

English 7, 8.....	1
One Junior course continued.....	3
Four Electives.....	12

ELECTIVE COURSES OPEN TO SENIORS:

English 11-22	Chemistry 5-12	Political Science 1-4
Greek 5-14	Biology 1-12	Economics 1-8
German 3-10	Physics 3-16	Business 7-10
Latin 5-14	Mathematics 5-16	Sociology 11-14
French 3-10	Astronomy	Philosophy 1-4
Spanish	History 3-6, 9, 10	The Bible 4, 6
Italian		

Students intending to study Theology will be permitted to present as Senior electives Philosophy 1 and 2, and twelve hours of the work of the Junior year at Bexley Hall.

DEPARTMENTS OF INSTRUCTION

ENGLISH

PROFESSOR REEVES

ASSISTANT PROFESSOR LOCKERT

1, 2. **Written and Oral Exercises**, based upon Phonetic principles, in which deficiencies of speech are explained in personal conferences, and overcome by practice before the class. Narrative and descriptive themes are read aloud after correction by the instructor. In the second semester, English 2, the essays are expository and argumentative, class debates affording opportunity for speaking. Three hours a week, required of all Freshmen. The King prizes are offered for excellence in speaking. Professor Reeves and Lockert.

3, 4. **English Literature**. A survey course, supplemented by carefully written themes, read before the class after correction. Each student is required to write and deliver one oration. Required of all Sophomores, three hours a week. Pancoast's *Prose and Poetry* is used as a text. The King prizes for excellence in speaking are offered to Sophomores. Professors Reeves and Lockert.

5, 6. **Nineteenth Century English Literature**. Weekly written exercises required of all Juniors. Professor Lockert.

7, 8. **Public Speaking**. All seniors are required to prepare a weekly exercise upon a subject of present interest. Stage presence, the psychology of attention, and elementary dramatic exercises are studied in the second semester. For many years, upon a vote of the graduating class, a classical English play has been presented. Professor Reeves.

9. **Elizabethan Drama**. A survey of the drama from 1580 to 1642, with Neilson's *Chief Elizabethan Dramatists* as a text. Introductory to Shakespeare. Elective for Juniors and Seniors. Professor Lockert. Offered in 1922-23.

10. **Shakespeare**. Elective for Juniors and Seniors. Offered each year. Professor Reeves.

11. **The Contemporary Drama**. Elective for Juniors and Seniors, with Dickinson's *The Chief Contemporary Plays* as a text. Alternate years; offered in 1921-22.

12. **Tennyson and Browning.** Complete texts of each poet are required, and their contrasting arts explained. Elective for Seniors. Offered each year. Professor Reeves.

13 and 14. **Anglo-Saxon and the History of the English Language.** The historical basis of English idiom is explained in the reading and philological study of Anglo-Saxon literature. The sources of English grammar are studied, and the vitality of the language illustrated by reference to the vernacular. This course is necessary for a certificate from the department of capacity to teach English. Three hours a week, elective for Juniors and Seniors. Professor Reeves.

15. **Short Story Writing.** Exercises in the technique of the Short Story, with study of models. Elective for Juniors and Seniors, alternate years; offered in 1921-22. Professor Lockert.

16. **Argumentation and Debate.** One debate a week is required and a good delivery is insisted upon. Elective for Juniors and Seniors. Professor Lockert. Offered in 1920-21.

17. **Chaucer, Langland and Wyclif.** Fourteenth Century Studies. Elective for Juniors and Seniors. Offered in 1920-21. Professor Reeves.

18. **The Romantic Poets.** The culmination of English Romanticism in Wordsworth, Coleridge, Byron, Shelley and Keats. Elective for Juniors and Seniors. Alternative for English 16. Professor Lockert.

19. **American Literature.** The social and political ideals of Jefferson, Franklin, Adams and Madison. Given in 1921-22. Professor Reeves.

20. **World Drama. Aeschylus to Ibsen.** Typical great dramas and important literary movements are studied. Given in 1921-22. Professor Lockert.

21. **Development of the English Novel.** Offered in 1921-22. Professor Reeves.

22. **The Later English Novel.** Offered in 1921-22. Professor Lockert.

GREEK

PROFESSOR NEWHALL

1, 2. **Grammar; Anabasis, Book I.** Optional for admission to Classical Course. Elective in other courses.

3, 4. **Anabasis II-IV; Iliad, 1900 lines.** Prose Composition. Optional for admission to the Classical Course. Elective in other courses.

5. **Lysias, or Selections from Attic Orators.** Prose Composition. Optional for the Classical Course. Courses 1-4 prerequisite.

6. **Odyssey, Selections or Herodotus.** Private life of the Greeks. Optional for the Classical Course.

7. **Plato. Laches and Apology.** History of Greek Literature (Prose). Optional in the Classical Course. Course 5 and 6 prerequisite.

8. **Sophocles, Antigone or Oedipus Tyrannus. Aristophanes, Clouds or Frogs.** History of Greek Literature (Poetry). Optional in the Classical Course. Courses 5-7 prerequisite.

9. **Aeschylus, Prometheus or Septem.** Euripides, Alcestis or Medea. The Greek Drama and Theatre. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

10. **Selections from the Lyric Poets or Lucian.** Greek music metres. Elective for Juniors and Seniors. Courses 5-8 prerequisite. Alternate years.

11. **Homer in English.** The entire Iliad and Odyssey, with lectures on Homeric Life and the Homeric Question. No knowledge of Greek required. Alternate years. Elective for Sophomores, Juniors and Seniors. Offered in 1921-1922.

12. **Greek Drama in English.** No knowledge of Greek required. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1921-22.

13. **History of Art.** The Minor Arts, Painting and Modern Sculpture. Elective for Juniors and Seniors in all courses. Alternate years. Offered in 1920-21.

14. **History of Art.** Architecture and Ancient Sculpture. Second semester. Elective as 13. Offered in 1920-21.

LATIN

PROFESSOR MANNING

1. **Livy.** Review of Grammar. Optional for Freshmen.

2. **Terence, Ovid.** Grammar. Prose composition. Optional for Freshmen.

3. **Pliny the Younger.** Letters. Reading at sight. Optional for Sophomores. Courses 1 and 2 prerequisite.

4. **Horace.** Selections from the Odes, Satires and Epistles. Study of the poet's life and times. Optional for Sophomores. Courses 1-3 prerequisite.

5. **Tacitus.** Selections from the *Histories* or *Annals*. Reading at sight. Study of the first century of the Empire. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1920-21.

6. **Juvenal and Martial.** Study of Roman Private Life. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1920-21.

7. **Plautus and Terence.** Reading at sight. Study of the history of the Roman Drama. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1921-22.

8. **Cicero, Letters.** Study of the author's life and times. Elective for Juniors and Seniors. Courses 1-4 prerequisite. Alternate years. Offered in 1921-22.

9, 10. **Elementary Latin.** *Grammar.* Cæsar, Book I. Both semesters.

11, 12. **Cæsar, Cicero, Prose Composition.** Both semesters. Latin 9, 10, prerequisite.

13, 14. **Virgil, Aeneid, Books I-VI.** Both semesters. Courses 9-12 prerequisite.

ROMANCE LANGUAGES

1. **Elementary French.** Pronunciation, the essentials of grammar, reading of simple prose and translation into French of short English sentences. Books: Fraser and Squair, *French Grammar*; Aldrich and Foster, *A French Reader*; Larousse, *Histoire de France*.

2. **Elementary French.** Further study of grammar in connection with exercises in composition, reading of Merimée's *Colomba* and two similar texts.

3, 4. **Second Year French.** Reading of several shorter novels and plays by modern authors; composition and conversation.

5, 6. **General Survey of French Literature** and reading of works representative of various important movements. Courses 3 and 4,

or their equivalent, prerequisite. Books: Pelissier, *Précis de l'Histoire de la Littérature Française*; Faguet, *Ce que disent les livres*. Offered in 1921-22.

7, 8. **The Literature of the Eighteenth Century.** Readings, reports and discussions in French and in English. Courses 3 and 4, or their equivalent, prerequisite. Offered in 1920-21.

9, 10. **French Conversation.** Practice in the use of the language of social intercourse, of business, and of travel; letter writing. Courses 3 and 4, or their equivalent, prerequisite. Books: Kron, *Le Petit Parisien*; Blanchaud, *French Idioms*.

11. **Italian: First Course.** Pronunciation, grammar, simple composition, reading of easy prose. Books: Grandgent, *Italian Grammar*; Bowen, *Italian Reader*; Fogazzaro, *Peregrinatio*.

12. **Modern Italian Prose and Composition.** Dante's Divine Comedy, *The Inferno*, will be translated and studied.

13, 14. **Continuation of the study of Dante:** *Purgatorio*, *Paradiso*, *Vita Nuova*.

15, 16. **Spanish: First Course.** Pronunciation, grammar, simple composition, conversation, reading of easy prose. Books: Hills and Ford, *First Spanish Course*. Simple Plays and Stories. Professor Manning.

17, 18. **Modern Spanish Literature.** Reading of representative novels and plays; composition and conversation. Books: Cool, *Spanish Composition*; los Quintero, *Doña Clarines*; Hills and Reinhardt, *Spanish Short Stories*; Spencer, *Trozos de Historia*. Professor Manning.

GERMAN

PROFESSOR WEST

1, 2. **Elementary German.** Pronunciation, essentials of grammar with constant drill on forms, simple prose composition and practice in speaking German; easy German prose and poetry selected from modern authors with at least one complete longer story.

3. **Nineteenth Century Prose.** German Reader; Bender, *German Short Stories*; Wesselhoeft, *German Exercises*; Thomas, *Practical German Grammar*.

4. **Nineteenth Century Poetry.** Fulda, *Der Talisman*; Selected Lyrics; grammar and composition as in 3.

5, 6. Studies in Eighteenth Century Literature. The life and works of the great writers of the century will be studied, with such consideration of their times and contemporaries as may be practicable. Courses 1-4 prerequisite.

7, 8. Studies in Nineteenth Century Literature. Subjects treated as in 5, 6. Courses 1-4 prerequisite.

9, 10. History of German Literature. A study of the development of German Literature and reading of selections from representative authors of the most important periods. Priest, *A Brief History of German Literature*; Hentschel, Hey and Lyon, *Handbuch zur Einführung in die deutsche Litteratur*. Course 1-4 prerequisite.

Courses 1-4 are given each year. Of courses 5-10, one is given each year, determined by the number of students electing it.

CHEMISTRY

PROFESSOR WEIDA

1. General Inorganic Chemistry. The work is a descriptive study of the common materials, and includes fifty laboratory periods of at least two hours each, besides recitations and personal conferences. Freshmen, alternative with Physics I. Four hours credit.

The laboratory work is based on Alexander Smith's *Intermediate Chemistry*; the recitations and conferences are adapted to the work actually being done, with assigned readings in several text-books.

1. (a) The same course as outlined above, with the details changed somewhat for students presenting entrance credits in chemistry.

2. General Inorganic Chemistry (Continued). Fifty laboratory periods of at least two hours each, with recitations and conferences as above stated. Extra laboratory periods are arranged for those properly qualified. (See Course 6.) This course is a continuation of the above from the same descriptive point of view. Especial attention is paid to the useful metals and alloys, their manufacture, their properties and the products they yield. Some work is also done on the detection or analysis of simple compounds. Four hours' credit.

3. Qualitative Analysis. A course based on the preceding year of inorganic chemistry, beginning with single salts and passing through the methods of chemical analysis while reviewing the chemical reasons for each step. Each student analyzes a number of

unknown substances, both solids and liquids. Six hours each week in the laboratory with frequent conferences and recitations held in the classroom.

NOTE:—When consent of instructor is obtained, the amount of work done in Qualitative Analysis may be increased by continuing similar work through the second semester.

4. Organic Chemistry. A classroom course giving an outline view or descriptive study of the most important compounds of carbon. This course is necessary to those looking forward to the study of medicine, and may be taken immediately after Course 2, if desired.

Laboratory work on Organic preparations is not included in this course, but may be taken at the same time or following as a separate course (see Courses 6, 7).

5. Advanced Topics in Chemistry. A classroom course open to Juniors and Seniors who have had Courses 1-4. The special subjects vary from year to year, and have included the following courses:

(a) Reading of Chemical German (essays and texts). Prerequisite, German as well as Chemistry. 1920-1921.

(b) Advanced Organic Chemistry, 1918-1919.

(c) Theoretical Chemistry and Calculations, 1919-1920.

(d) History of Chemistry.

6. Chemical Preparations. A laboratory course open only to those who have made a good record in Chemistry of the first semester. The student himself prepares a selected list of materials that are being studied in the descriptive courses. It may thus accompany Course 2 and 4, or follow these. This work must ordinarily be done in the second semester. Either 3 or 6 hours' credit, according to assignment.

7. Continuation of Course 6. A continuation of preparation work is allowed only in exceptional cases; and in each case the written consent of the professor must be secured before registration.

8. Descriptive Mineralogy. A course planned to follow Qualitative Analysis (Course 3 prerequisite) and including some of the methods of blowpipe analysis. The course is, however, descriptive, as the name implies, rather than analytical, and may be taken by those desiring information on the common minerals and ores. The description of mineral species requires at the beginning a study of the crystal forms in which they may occur, and of any other physical

properties that may be of value in description. Offered only when desired by four or more students.

9-12. Advanced Laboratory Work. A course in pure Chemistry for general students; and open only to Seniors who have previously shown special excellence in Chemistry. Prerequisite: Courses 1-4. The main work will be in quantitative Analysis, but in some cases special subjects such as medical chemistry may be taken up after sufficient general quantitative work has been done. The work is individual, under the supervision of the professor, and may be taken as a single course for 3 hours' credit, or as a double course for 6 hours' credit.

BIOLOGY

PROFESSOR WALTON

The courses in this department are not only designed for the general student, but also furnish special training for students who expect to study medicine.

1, 2. General Biology. This is intended as an introduction to subsequent courses as well as for the purpose of presenting a general survey of the subject to those students wishing to take only one year of Biology. It consists of lectures, recitations and laboratory work on selected types of organisms and on various phases of animal and plant life of a special nature. Topics such as the origin and manifestations of life, the cell and the cell theory, the individual, heredity, variation, selection, genetics and especially mendelian phenomena, are carefully considered in the lectures. During the latter part of the course the field of applied biology is reviewed, principles of sanitation, hygiene and preventive medicine being given particular emphasis.

The work is supplemented by occasional field excursions. Two laboratory periods of two and one-half hours each and one hour lecture a week.

3, 4. Comparative Anatomy of the Vertebrates. Lectures, recitations and laboratory work on vertebrates from Amphioxus to Man, with particular attention to comparisons of the skeletal system, the nervous system, the circulatory system, etc. Text-book, Pratt, Vertebrate Zoology. Five hours' laboratory and one hour lecture a week. Elective for Sophomores, Juniors and Seniors. Courses 1-2 prerequisite.

5, 6. Histology and Microtechnique. This course is arranged primarily for students intending to enter medical school. Permanent preparations are made of organs and tissues which have been previously dissected, fixed and placed in alcohol or imbedded in paraffine. Particular attention is paid to the functions of the various groups of cells. The theory of the microscope and methods in microtechnique sectioning, staining, etc., are carefully considered at the beginning of the course. Five hours laboratory and one hour lecture a week. Elective for Sophomores, Juniors and Seniors. Courses 1-2 prerequisite.

7, 8. Embryology. Lectures, recitations and laboratory work based on a general study of the development of animals from the formation of the egg to the attainment of growth in the adult. Particular attention is given to cytology during the early part of the course. A series of in toto preparations and transverse sections from the early stages of the chick are made by each student to be used in subsequent study. Textbook: McMurrich or Heisler. Reference books: Minot, Hertwig, Roule, etc. Five hourse laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-6 prerequisite. Alternate years.

9, 10. Neurology. A comparative study of the growth and structure of the nervous system in the different groups of animals, with particular attention to the morphology of the central nervous system of the vertebrates. Five hours laboratory, one hour lecture a week. Elective for Juniors and Seniors. Courses 1-6 prerequisite. Alternate years.

11, 12. Advanced Biology. Special laboratory work arranged with reference to the individual needs of students wishing to devote a maximum amount of time to the study of Biology. Courses 1-2 prerequisite.

PHYSICS

PROFESSOR JOHNSON

A. Elementary Physics. A first course in general physics combining a review of high school physics with a lecture and laboratory course designed to bridge the gap between the ordinary high school course and General College Physics, 1 and 2. This course should be of interest to the average student who may not be specializing in science, for it is descriptive and experimental rather than

mathematical. It may also be taken to satisfy the entrance requirements for Physics 1 and 2. No previous work in physics nor in mathematics beyond algebra and geometry is required. For those who have not presented high school physics for entrance to college, the work will be somewhat modified. Three class hours and one laboratory period each week. Four hours credit. Second semester only.

1, 2. General Physics. A course in college physics following Physics A. and entering more into the theory of physical phenomena and the relation between theory and experiment than is possible in the elementary course. The accompanying laboratory work is purely quantitative. Three experimental lectures a week and at least fifty hours of laboratory work each semester. Open to all students who have had high school physics or Physics A and who have had or are taking Mathematics 1 and 2. Four hours credit.

NOTE:—Of the courses listed below, only a part are offered each year, as indicated by the accompanying dates. They are also so arranged that the advanced laboratory and theoretical courses may be taken in conjunction advantageously, in which case six hours credit will be given, e.g., as follows:

Course 3 with course 7	Course 5 with course 11
Course 4 with course 10	Course 6 with course 12

Courses 3, 4, 5 and 6 are primarily laboratory courses. Each consists of three laboratory periods a week, of at least two hours each. Occasionally a lecture may be substituted for one of these periods. Prerequisites: Physics 1 and 2, and Mathematics 1 and 2.

All students planning to study medicine or engineering should elect at least one of these three hour laboratory courses in addition to General Physics 1 and 2.

3. Experimental Mechanics. 1920-21.

4. Heat. A laboratory study of heat effects, changes in volume, thermometry, calorimetry, transfer of heat-energy, the mechanical equivalent of heat, etc. 1920-21.

5. Sound and Light. An experimental study of vibrating bodies and wave motion in various media, reflection, refraction, dispersion, color sensation, and polarization, 1921-22.

6. Electrical Measurements. Fundamental electrical units, measurements of resistance, current, electro-motive force, quantity, capacity, self- and mutual-induction. 1921-22.

NOTE:—Courses 7, 8, 10, 11 and 12 are lecture and problem courses with collateral reading. Open to those who have had Physics 1 and 2, and who have had or are taking Mathematics 3 and 4.

7, 8. Theoretical Mechanics. An elementary course in analytical mechanics. 1920-21.

9. Photometrical Measurements. A laboratory study of light sources and their use in illumination. Photometric tests of commercial lighting units, including gas lamps, and direct and alternating current arc and incandescent lamps. 1920-21.

10. Theory of Heat. An analytical study of heat sources, heat transferences, methods of heat measurement, the Kinetic theory of Gases, and the thermodynamics of heat engines. 1920-21.

11. Theory of Light. A study of the underlying principles of Geometrical and Physical Optics. 1921-22.

12. Theory of Electricity and Magnetism. Electrostatics, electric circuit calculations and the theory of electrical measuring instruments. 1921-22.

13, 14. Dynamo-Electric Machinery. Direct and alternating current, in theory and practice. A pre-engineering course. Two lectures and one laboratory period a week. Prerequisite: Physics 6 or 12. 1921-22.

15. The Rise of Physical Science. A course of lectures on the leading natural philosophers and physicists and their work down to the Seventeenth Century. Supplemented with reports on collateral reading. Open to those who have had Physics 1 and 2.

16. History of Modern Physics. From the beginning of the Seventeenth Century down to the present time.

17. Electron Theory. An advanced course on electrolytic conduction of electricity through gases, and radioactivity. Lectures and reports on collateral reading. Prerequisite: Physics 11 and 12, and Mathematics 5 and 6.

MATHEMATICS AND CIVIL ENGINEERING

PROFESSOR ALLEN

1, 2. Elementary Mathematical Analysis. This course covering the use of coordinate systems, plotting and discussion of simple functions, plane trigonometry and elementary analytic geometry,

is required of all Freshmen. Freshmen offering Mathematics 2 (b) and (c), (see p. 30) for entrance may enter the course the second semester.

3, 4. **Calculus.** Text, *The Calculus*, Davis. Required of Scientific Students. Course 3 is required of students omitting Course 1. Courses 1 and 2 prerequisite.

5, 6. **Calculus and Differential Equations, Analytic Geometry.** This course is designed for students of Engineering. Offered 1921-22.

7, 8. **Modern Geometry.** Texts, Cremona and Reye, supplemented by lectures. Offered 1921-22.

10. **Descriptive Astronomy.** Alternate years; Given 1920-21.

11, 12. **Plane Surveying.** Text, Raymond. Also Topographic and Railroad Surveying. Offered 1921-22.

13. **Field Work in Surveying.** Courses 11 and 12 continued and applied to concrete problems. Three hundred hours of office and field work given in the six weeks following Commencement.

15. **Descriptive Geometry.** Text, *Descriptive Geometry*, with Shades and shadows and perspective, Church. Courses 1 and 2 prerequisite. Given in 1920-21.

16. **Elementary Mechanical Drawing.** Seven and one-half hours a week (3 hours' credit.) Given in 1920-21.

HISTORY

PROFESSOR CAHALL

1, 2. **Medieval and Modern European History.** The period of history covered extends from the Fall of the Roman Empire and the Great Migrations to the French Revolution. The development of modern industrial, social and political systems receives careful attention. Robinson's *History of Western Europe* and Trenholm's *Syllabus* are used as texts, but much collateral reading is required. History 1 is also given the second semester. Elective for Sophomores and Juniors.

3, 4. **Europe Since 1750.** This course deals with the development of our modern industrial system, with the decline and disappearance of the absolute monarchy and with the spread of national rivalries up to the outbreak of the Great War. In part, a lecture course; and in part, recitations upon Schapiro's *Modern and Contemporary European History* and reports upon outside reading. Open to Sophomores, Juniors and Seniors. Offered in 1920-21.

5, 6. English Constitutional History. The course covers the whole period of the development of the English Constitution. The source books of Stubbs, and Adams and Stephens, are used as the basis of the work, with collateral reading and the preparation of essays. Alternate years. Offered in 1920-21.

7, 8. American Political History. The period covered extends from the middle of the Eighteenth Century to the end of the Reconstruction period in 1876. Outside reading and the private investigation of assigned subjects form a large part of the course. MacDonald's collection of documents is used extensively. Required of Juniors. President Peirce.

9, 10. Intellectual History of Europe. A study of ancient and mediæval conceptions with their modern significance. Much attention is given to the historical setting and to the study of the works of Plato, Aristotle, St. Augustine, St. Thomas Aquinas, Dante, Petrarch, Montaigne and others. Lectures, reports and special studies. History 1 and 2 prerequisite. Alternate years. Offered in 1920-21.

NOTE:—Beginning in 1922, History 1 and 2 will be prerequisite for all advanced courses excepting 7 and 8.

11. The Age of the Renaissance. This course deals with the intellectual, artistic, social, and political aspects of the 14th and 15th centuries. It points out the rise of various modern forces such as individualism and nationalism. The lectures are supplemented by special studies from the literature of the times. Offered in 1921-22.

12. The Period of the Reformation. This course attempts a survey of the complicated conditions, which made secession from the Papal Monarchy possible; as well as of the religious and social reform movement preceding Luther. It follows the course of the successful revolt and the subsequent Wars of Religion. Lectures, quizzes, and reports from the sources. Offered in 1921-22.

13, 14. The History of France. The first semester deals with the development and overthrow of the absolute monarchy; the second semester, with the Napoleonic Era and the 19th and 20th centuries. A careful comparison of the civilizations during the Ancient Regime and to-day is made from the literature of the respective periods. Offered in 1921-22.

POLITICAL SCIENCE

PROFESSOR CAHALL

1. **American Government.** The national and state system are discussed in lectures, recitations and debates. The text is Beard's *American Government and Politics* and the readings for the same. Elective for Sophomores, Juniors and Seniors.

2. **American Government.** The municipal system and its problems are the subject. Beside a study of the functions and needs of the American city attention is given to the organization and administration of European cities. The text is "*The American City*," by W. B. Munro. Elective for Sophomores, Juniors and Seniors. Not offered in 1921-22.

3. **The Development and Operation of Political Parties.** Considerable attention is given to the nomination and election of the American President and to the rôle of parties in our national life. Ray's *Introduction to Political Parties and Practical Politics* is used as a text. Offered 1920-21.

4. **Contemporary Politics and the Governments of Europe.** The course analyzes the present governments of Europe in the light of their origin. Lectures, discussions and reports upon outside reading. Text, Frederick A. Ogg, *The Government of Europe*. Elective for Sophomores, Juniors and Seniors. Alternate years. Offered in 1919-20.

5. **American Constitutional Law.** The text and case method is used. All the leading cases are analyzed by the student and are commented upon by the instructor. Text: Willoughby's *Constitutional Law*. Offered 1921-22.

ECONOMICS AND SOCIOLOGY

PROFESSOR GREEN

JUDGE MARVIN

Economics

PROFESSOR GREEN

1, 2. **Principles of Economics.** An introductory course in the fundamental principles and problems of the science. A preparation for an intelligent attitude toward economic problems. Recitations, lectures, discussions. Open to all classes. This course must be taken as a whole in order to receive credit in either part.

3. **Money and Banking.** The theory of money, credit, prices, crises. The monetary systems of the world; the present banking systems of the United States and other countries; international exchange, and the monetary problems of war finance. Text book and collateral reading, the preparation of an essay embodying the results of an intensive study of some relevant problem. Prerequisite Courses 1 and 2. Elective for Sophomores, Juniors and Seniors.

4. **Labor Conditions.** A study of the industrial group in its physical, economic, social and cultural relations. Including a treatment of immigration, unemployment, theory of wages, trade unionism, and socialism. Prerequisites Courses 1 and 2. Elective for Sophomores, Juniors and Seniors.

5. **Combinations and Private Finance.** A survey of the legal, financial and social problems arising from modern industrial organization. The function of the promoter, the pool, monopoly and trust with reference to price, the labor situation and social and political welfare. The marketing of evidences of ownership and indebtedness in and of Private and Quasi-Public Corporations. Prerequisite Courses 1 and 2. Elective for Sophomores, Juniors and Seniors.

6. **Public Finance.** The rise of the Science of Finance, the doctrine and practice of public expenditures, the budget and the raising of Public Revenue. The evolution of the tariff, income and inheritance taxation. The general theory of international commerce. A comparative study of public finance in peace and war. Problems arising from the marketing of evidences of municipal, state and federal indebtedness. Prerequisites Courses 1 and 2. Elective for Sophomores, Juniors and Seniors.

Commercial Law

JUDGE MARVIN

7, 8. Instruction in this course is given by the use of the textbook, illustrative cases, class discussion and lectures, and includes elementary principles of law in general; contracts, with the rights and duties growing out of the several kinds of contracts, especial attention being given to bills of exchange, promissory notes and all negotiable instruments; agency, partnerships, corporations, bailments, common carriers, guaranty and suretyships, landlord and tenant, leases, sales of both personal and real property, wills and the administration of estates, etc. The course is elective and open to Sophomores, Juniors and Seniors.

Business

PROFESSOR GREEN

9. Business Organization. A study of modern business management from the point of view of commercial and social efficiency. The organization of production, location, planning and lay-out of industrial establishments, scientific management as applied to purchase, sale, employment, and factory management in general. The principles of office organization, sales and credit organization, wage systems and welfare work. The function of the scientific engineer and the relations of the efficiency expert to modern business. Open to all classes.

10. Salesmanship, Correspondence and Advertising. The principles of scientific efficiency ascertained in Course 9 are applied to specific problems in marketing. The psychology of salesmanship, the principles of effective letter writing and advertising are studied with reference to business success and social welfare. Prerequisite Course 9. Open to all classes.

13. Principles of Accounting. While technical in method this course aims at the interpretation of accounts rather than at the training of accountants. The interpretation of balance sheets and their relations, capital and operating expenses, including the principles of valuation and scientific bookkeeping are studied. This course assumes that the student has no previous familiarity with modern bookkeeping. Open to all classes.

Sociology

PROFESSOR GREEN

11, 12. Introduction to the Study of Society. The subjects discussed in this course include the nature of social life, social evolution, social aspects of the family problems of the city, the rural community, poverty and crime, social regulation of the distribution of wealth, the law, religion and public opinion as means of social control. Prerequisite courses 1 and 2.

14. Philanthropy. Studies in the nature, origin and relief of dependent, defective and delinquent classes. This course may serve as an introduction to scientific training for social work, but is designed rather as the kind of survey of social pathology which is necessary to a public spirited citizen for guidance in his relations to the unfortunate and the agencies for social betterment. Prerequisite courses 1 and 2.

MENTAL AND MORAL PHILOSOPHY

PRESIDENT PEIRCE

1. **Logic and Ethics.** The fundamental principles of deductive and inductive Logic are covered during the first half of the semester and a general survey of the problems and methods of Ethics occupy the remainder of the time. Sellars and De Laguna are used as hand-books supplemented by lecture and discussion. Elective for Juniors and Seniors.

2. **Psychology.** The course is Psychology consists of one lecture and two recitations each week. Witmer's Analytical Psychology is used as a text-book, while in the lectures an effort is made to correlate the views of the older schools of psychologists with the recent views of Loeb, Jennings, etc., concerning the dynamics of living matter. Elective for Juniors and Seniors. Professor Walton.

3. **History of Philosophy.** A brief but systematic and critical outline of Ancient, Mediæval and early Modern Philosophy is presented. The text used is Thilly, *History of Philosophy*. Elective for Juniors and Seniors.

4. **Metaphysics.** On the foundation furnished by Course 3 a more thorough study of particular systems of Philosophy is pursued. The critical philosophy of Kant and the present situation in philosophy are given special attention. Course 3 prerequisite. Elective for Juniors and Seniors.

THE BIBLE

PROFESSOR WOOD

1. **Introduction to the Bible.** The student is given a good deal of information regarding the composition of the books of the Bible, their transmission, the canon, textual criticism, translations, etc. In the latter part of the semester the history of the Hebrew people is studied in outline. One hour a week. Required of Sophomores.

2. **The Life of Our Lord.** An effort is made to present to the student a clear picture of the Master, His character, ideals and work. The Gospel according to St. Mark is the basis of this study. One hour a week. Required of Sophomores.

PHYSICAL TRAINING

ATHLETIC DIRECTOR SMITH

The required gymnasium work for Sophomores and Freshmen emphasizes directed indoor athletics. Instead of military drill, club-swinging, squad exercises, etc., the sections play basket-ball, indoor baseball, and volley ball. Any man not physically able to participate in these competitive sports is given special work to help correct his disability. In the spring, when weather permits, outdoor athletics are substituted.

This work is required of all Sophomores and Freshmen twice a week from December to April and is also open to any Junior or Senior who elects it.

LECTURES TO FRESHMEN

During the first two or three months in the college year weekly lectures are given to new students by the President of the College. The main problems of College life and work are discussed with an exposition of the rules of the College relating to students. Five or six lectures on the history of Kenyon College terminate the course.

All courses three hours unless otherwise stated.

GENERAL INFORMATION

Matriculation

Each student on entering College is assigned to a member of the Faculty who acts as his special adviser in all matters pertaining to his College work and life.

A student is admitted to matriculation when he has sustained a satisfactory probation, as described on page 34. Matriculation gives accredited membership in the Institution, entitles the student to an honorable dismissal and is essential to his obtaining a degree. The public exercise of matriculation occurs shortly after the Thanksgiving recess. Each student then signs the following obligation:

We, the subscribers, undergraduates of Kenyon College, being now admitted to the rite of matriculation, do promise, each for himself:

1. That we will faithfully observe and obey the laws and regulations of the College, and all authoritative acts of the President and Faculty, so long as we are connected with the College; and as far as may be in our power, on all occasions we will give the influence of our good example and precept to induce others in like circumstances to do the same.

2. As faithful sons of Kenyon College, we will render to her as our Alma Mater, at all times and on all occasions, due honor and reverence, striving to promote her welfare by all proper means, and abstaining carefully from all things that may tend to impair her influence or limit her usefulness as a seminary of learning.

Baccalaureate Degrees

The degrees of Bachelor of Arts, Bachelor of Philosophy and Bachelor of Science are conferred upon the completion of the classical philosophical, and scientific courses respectively.

Final Honors

Honors at graduation are conferred in the order of rank upon students whose average grade for the entire course is $1\frac{1}{2}$ or higher. The names of honor men are announced at the Commencement exercises and are printed in the annual catalogue.

Students are graded in all subjects on the scale of 5, 1 standing for the highest rank or excellent work. A grade of 3 is required

for passing. When the average of all marks for the college course yields a result of $1\frac{1}{2}$ or less, graduation honors are awarded.

For a grade of 1 in any course an extra credit of one sixth is allowed; thus, a grade of 1 in a three-hour course counts $3\frac{1}{2}$ hours toward graduation.

The Phi Beta Kappa Society

At seventy-one American colleges and universities chapters of the Phi Beta Kappa Society are at present established. The society was organized to encourage and to recognize excellence in scholarship, and high standing is an essential condition for admission. The fraternity established the Beta Chapter of Ohio at Kenyon College in 1858. Undergraduates may be elected at the end of the Junior and of the Senior year.

The Degree of Master of Arts

Graduates of Kenyon College, or of some other institution of equal standing, pursuing non-technical or non-professional courses in any accredited institution of learning, may be admitted as candidates for the degree of Master of Arts by vote of the College Faculty. Each candidate is assigned to the oversight of some member of the College or Seminary Faculty, as the director and judge of his work. The work consists of courses of graduate study closely related to the work comprised in the curriculum of Kenyon College and equivalent in amount to the studies of a full college year of fifteen hours per week, and also includes the completion and presentation of a thesis embodying the results of this work. This thesis must be presented not later than May 15, and must be approved by the Director and two other members of the Faculty.

The fee charged for the Master's degree is \$25.00, of which \$20.00 must be paid on admission as candidate and \$5.00 accompanying transmission of the thesis.

This degree may be also conferred *honoris causa* upon men of good attainments in literature, science, history or philosophy, who submit theses or essays or published works indicative of such attainments.

Further, this degree may be conferred on graduates of Bexley Hall who are graduates of Kenyon College or of some other institution of equal standing, who fulfill the requirements regarding the thesis as stated above and accompany the transmission of the same with the payment of the fee of \$5.00.

Hoods

The American intercollegiate system of academic costume has been adopted. For the Bachelor's degree the hood is black in color and not exceeding three feet in length. It is of the same material as the gown and lined with mauve silk, the College color. The binding or edging, not more than six inches in width, is distinctive of the faculty to which the degree pertains, as follows: Arts, White; Theology scarlet; Law, purple; Philosophy, dark blue; Science, gold yellow. The hood for the Master's degree is the same shape as the bachelors but one foot longer. The Doctor's hood is of the same length as the Master's, but has panels at the side.

Examinations

Final examinations are held at the end of each semester and cover the work of the half year.

Students are required to take final examinations in all subjects. Any student absenting himself from such examinations is required to repeat the subject in class and is not allowed to make it up by examinations.

Since 1901 all examinations have been held under an honor system, which has achieved excellent results. The following resolutions adopted by joint action of students and faculty describe the system:

Resolved, That, subject to confirmation by the Faculty and the Assembly, all examinations, whether original or conditional, and all tests and written lessons shall be conducted in accordance with the principles of the Honor System; and,

That the Honor System shall be conducted as follows:

1. A committee of seven men, representing each division of the student body and made up of three Seniors, two Juniors, one Sophomore and one Freshman, shall be elected at the first Assembly meeting of each year.

2. The duties of the committee shall be (a) to draw up rules to govern the examinations of each year; (b) to investigate any case of suspected violation of the principles of the Honor System, and to recommend to the Faculty for expulsion any student found guilty of such violation.

3. No instructor shall remain in the room where examinations, tests, or written lessons are being held, unless by special request of the class; and,

That every student taking work in the College shall sign the following honor pledge, which shall be binding at all examinations, tests, or written lessons, to-wit:

(*Pledge.*) In view of the introduction of the Honor System of examinations I pledge myself to support that system to the utmost of my ability, and not only myself to act in accordance with what I conscientiously believe to be its spirit, but also to encourage others to do the same and strongly to discountenance any violation of it.

Conditions

A student whose grade falls below the passing standard of 3, and is expressed by the mark of 4, is given an opportunity to remove the condition by passing another examination. Failure to pass this examination deprives the student of credit in the subject.

This examination for the removal of conditions is held not later than the middle of the following semester.

Religious Services

Morning prayers are said daily in the College church. The Holy Communion is celebrated every Sunday at half past seven in the morning and also at half past ten on the first Sunday of the month. On Saints' Day the Holy Communion is celebrated at a quarter past nine in the morning. The choir is composed of College students.

Students are required to be present at Morning Prayers every day and at the Church services on Sunday morning and the chief Holy Days.

Every absence from or tardiness at Morning Prayers gives one mark for absence, and every absence from or tardiness at a Church service at which attendance is required gives two marks. A student is allowed thirty-five marks a semester, and is suspended for the remainder of the semester if he exceeds that number. No application for excuse on any ground whatever is received from the student.

Discipline

Regularity in the performance of all College duties is insisted upon, and any student who persistently neglects his work is required to leave College.

The Faculty reserves the right to suspend or remove any student whenever it believes that the interest of the College require such action.

Since 1905 a committee of Seniors elected by the student body has assumed the responsibility of maintaining discipline in the College dormitories. It is the duty of this committee to preserve good order, to protect College property and to enforce the rules of Trustees and Faculty which strictly forbid the keeping of intoxicating liquor on the College premises. The committee holds frequent meetings and meets once a month with the President of the College.

Expenses

The necessary expenses of a student including table board, laundry, books and all College fees amount as a rule to about two hundred and fifty dollars for each semester. A list of the College fees follows:

Entrance fee.....	\$ 5.00
Tuition, per annum.....	100.00
Incidental fee, per annum.....	10.00
Library and Reading Room, per annum.....	3.00
Gymnasium fee, per annum.....	3.00
Room rent, per annum.....	\$20.00 to 50.00
Heat, per annum.....	15.00 to 40.00
Diploma fee.....	5.00

For laboratory courses in the departments of chemistry, physics and biology, a fee of \$5.00 a semester is charged.

Each student must keep on deposit with the Treasurer \$5.00 as security for damages. Any balance is returned at the close of the year.

College dues are payable in two equal installments, one of which is due near the beginning of each semester. The following rule of the Board of Trustees regulates the payment:

All students are required to pay their term bills in advance. Any student whose term bill shall not have been paid within two weeks after the date of its issue from the Treasurer's office will be suspended from all College privileges until payment has been made. If the bill shall remain unpaid at the end of the semester, the suspension will become final.

Dormitory Rooms

Old Kenyon and Hanna Hall, the College dormitories, are handsome, convenient buildings, with the most modern systems for heating and plumbing. The charge for rent and heat varies from \$1 to \$2 a week. The rooms are heated by steam and are finished in Flemish oak. Furniture must be provided by the student.

All students room in the College dormitories except upon special permission from the President. Rooms are assigned from the President's office.

New students should apply for rooms at least several weeks before the opening of the College year.

Second-hand furniture can often be bought to advantage from students who are leaving College, or through the Superintendent, John Parker, to whom inquiries for furniture should be addressed.

The College Commons

By the co-operation of Trustees and Alumni a College Commons was opened in 1912. Gifts in June, 1915, from Samuel Mather, David Z. Norton, James H. Dempsey and William G. Mather provided for the enlargement and improvement of the Commons building. The dining and lounging-rooms are now ample and attractive and the entire equipment is thoroughly modern. The commons furnishes excellent board at cost and provides a common ground of meeting for all of the men in College.

All students are required to pay a Commons fee of \$35 a semester. The price of board in addition to this fee is \$5 a week, payable strictly in advance.

By action of the Board of Trustees all students receiving scholarship concessions of any kind whatever are required to board at the Commons.

Student Organizations

The literary societies, the Philomathesian, founded in 1827, and the Nu Pi Kappa founded in 1832, are actively maintained. Weekly meetings are held by both societies, and one or more debates with other colleges are arranged each year. Interest is further stimulated by the inter-society debates for the Stires Prizes. By gifts from the Alumni, the society rooms in Ascension Hall are handsomely finished in carved oak, with beamed and paneled ceilings and elaborate window and door casings.

The student publications are the Collegian, which appears three times a month during the college year, and the Reveille, published annually by the Junior class.

The management of all athletic, musical, dramatic and other interests is vested in the Kenyon College Assembly, the corporate organization of the student body.

REGISTER OF STUDENTS

1920-1921

Senior Class

JOHN WILLIAM ANGER, <i>Classical</i>	25	S. D., Hanna Hall Trenton
JOHN FALKNER ARNDT, <i>Classical</i>	36	N. D., Hanna Hall Philadelphia, Penna.
WALTER BENNETT, <i>Scientific</i>	11	M. D., Hanna Hall ¹ Sharon, Penn.
BYRON COLEMAN BIGGS, <i>Philosophical</i>		W. D., Old Kenyon Gambier
DAVID LEE CABLE, <i>Scientific</i>	28	E. D., Old Kenyon New Philadelphia
WILLIAM COTTON TYHURST DAVIS, <i>Philosophical</i> —	13	N. D., Hanna Hall Youngstown
LIONEL ELLSWORTH GLASS, <i>Scientific</i>	51	W. D., Old Kenyon Cleveland
JAMES HENRY GREGG, <i>Philosophical</i>	3	Bexley Hall Minneapolis, Minn.
ARTHUR ORRELL HOWARTH, <i>Philosophical</i>		M. D., Hanna Hall Cleveland
SHELLEY BRYANT JONES, <i>Scientific</i>	37	W. W., Old Kenyon Marquette, Mich.
LESTER CARSON KILGORE, <i>Philosophical</i>	30	E. D., Old Kenyon St. Paul, Minn.
LOUIS DEAN KILGORE, <i>Philosophical</i>	6	E. D., Old Kenyon St. Paul, Minn.
EDWARD DAVIS MAIRE, <i>Philosophical</i>	22	E. W., Old Kenyon Grosse Point, Mich.
ALMON ROBERT PEPPER, <i>Classical</i>	2	S. D., Hanna Hall Sheboygan, Wis.
HERMAN SUKER SIDENER, <i>Philosophical</i>	18	Bexley Hall Steubenville
ARTHUR LESLIE SIDNELL, <i>Philosophical</i>	31	M. D., Hanna Hall ¹ Cleveland

WILLIAM JAMES STEWART, JR., *Scientific* 58 N. D., Hanna Hall
Kansas City, Mo.

LESLIE EARL TREAT, *Scientific* 57 N. D., Hanna Hall
Cuyahoga Falls

GEORGE IKIRT ZOLLINGER, *Scientific* 52 W. D., Old Kenyon
East Liverpool

Junior Class

MALCOLM BODINE ADAMS, *Scientific* M. D., Hanna Hall
Gambier

LANE WICKHAM BARTON, *Classical* 31 S. D., Hanna Hall
Norwalk

AARON CHARLES BENNETT, *Classical* 27 M. D., Hanna Hall
Sharon, Penn.

JAMES LAWRENCE BERKEY, *Scientific* 4 Bexley Hall
Cleveland

THEODORE BLISS, *Philosophical* 41 E. W., Old Kenyon
Sandusky

CHARLES KING BRAIN, *Scientific* 38 N. D., Hanna Hall
Springfield

ISAAC CURTIS BREWER, JR., *Philosophical* 57 W. W., Old Kenyon
Sandusky

EDGAR ARTHUR BROWN, *Philosophical* 1 S. D., Hanna Hall
Cleveland Heights

CLARENCE JOHN DE BOER-CUMMINGS, *Philosophical*
—47 E. D., Old Kenyon
Royal Oak, Mich.

WILLIAM GREGG GEHRI, *Philosophical* 11 M. D., Hanna Hall
Sandusky

PAUL REINHOLD HAHN, *Scientific* 24 S. D., Hanna Hall
Racine, Wis.

KENNETH MERCER HARPER, *Philosophical* 41 E. W., Old Kenyon
Mt. Vernon

SAMUEL FOSTER HARRIS, *Scientific* 49 M. D., Hanna Hall
Dayton

WALKER NEALE LYBARGER, *Scientific* W. D., Old Kenyon
Gambier

DONALD MACADIE, *Classical* 32 M. D., Hanna Hall
Bayonne, N. J.

PAUL RUSSELL MAXWELL, <i>Classical</i>	5	S. D., Hanna Hall Mansfield
ROBERT GORDON McMURRAY, <i>Scientific</i>	4	S. D., Hanna Hall Mansfield
DONALD CHARLES MELL, <i>Philosophical</i>	22	S. D., Hanna Hall Akron
RUSSELL JABEZ NALL, <i>Philosophical</i>	42	S. D., Hanna Hall Cleveland
DANA WILSON NISWENDER, <i>Classical</i>	28	M. D., Hanna Hall Tiffin
WILLIAM GALE PFLUM, <i>Philosophical</i>	8	E. D., Old Kenyon Dayton
ANDERSON WHEELER RALSTON, <i>Scientific</i>	8	M. D., Hanna Hall Martins Ferry
ALDEN SEITZ, <i>Philosophical</i>	48	E. D., Old Kenyon Sandusky
JAMES LAWRENCE TUGMAN, <i>Philosophical</i>		W. D., Old Kenyon Gambier
JAMES MULFORD WADE, <i>Philosophical</i>	25	E. D., Old Kenyon Akron
ROBERT DICKSON WILLIAMS, <i>Classical</i>	2	S. D., Hanna Hall Detroit Mich.
WILLIAM PARR WISEMAN, <i>Philosophical</i>	22	E. W., Old Kenyon Lancaster

Sophomore Class

EDWIN BEACH ABRAMS, <i>Philosophical</i>	50	E. D., Old Kenyon Lima
LEWIS JAMES BAILEY, <i>Philosophical</i>	60	W. W., Old Kenyon Sault Ste. Marie, Mich.
ROBERT McMILLIN BEGGS, <i>Philosophical</i>	53	W. D., Old Kenyon East Cleveland
GEORGE WILLIAM BOWMAN, <i>Philosophical</i>		S. D., Hanna Hall Greenville
HENRY LESLIE BRUSH, <i>Philosophical</i>	54	W. D., Old Kenyon Susquehanna, Penn.
SHANNON DOUGLASS BUNTIN, <i>Philosophical</i>	41	S. D., Hanna Hall Terre Haute, Ind.

MAURICE DANIEL CAMPBELL, <i>Scientific</i>	15	W. D., Old Kenyon Akron
LOUIS PAUL CARABELLI, <i>Scientific</i>	27	E. D., Old Kenyon Norwalk
MILTON MOORE CHAMBERLIN, <i>Philosophical</i>	34	N. D., Hanna Hall Cleveland
ALLAN EDWARD CHESTER, <i>Scientific</i>	29	E. D., Old Kenyon Norwalk
GORDON STEWART CRAWFORD, <i>Philosophical</i>	35	W. D., Old Kenyon Oak Park, Ill.
WILLIAM ELMER CROFUT, <i>Philosophical</i>	44	E. W., Old Kenyon Cleveland Heights
ROBERT SMITH DECHANT, <i>Philosophical</i>	41	E. W., Old Kenyon Lebanon
JOHN CARR DUFF, <i>Philosophical</i>	16	Bexley Hall Republic, Penn.
FREDERICK WILLIAMS ELDER, <i>Classical</i>		W. D., Old Kenyon Gambier
MYRON ROBERT FERRIMAN, <i>Scientific</i>	49	E. D., Old Kenyon Medina
RUSSELL EDMUND FISHACK, <i>Scientific</i>	23	E. W., Old Kenyon Port Clinton
JAMES HUBER FITCH, <i>Scientific</i>	50	E. D., Old Kenyon Akron
DONALD RALPH GOODELL, <i>Scientific</i>	45	E. D., Old Kenyon Mt. Vernon
GEORGE HAMILTON GREAVES, <i>Classical</i>	42	E. W., Old Kenyon Elmhurst, Ill.
THEODORE GRUENER, <i>Scientific</i>	21	E. W., Old Kenyon Cleveland
RAYMOND MERES HARKNESS, <i>Philosophical</i>	6	S. D., Hanna Hall Norwalk
LEONARD WOOD HAYNES, <i>Philosophical</i>	3	E. W., Old Kenyon Sandusky
PHILIP THEODORE HUMMEL, <i>Scientific</i>	18	N. D., Hanna Hall Cleveland
VIRGIL ALLEN JACKSON, <i>Philosophical</i>	40	W. W., Old Kenyon Paulding

WILLIAM EUGENE KEGG, <i>Philosophical</i>	42	E. W., Old Kenyon Mansfield
HARRY GALE KRAUS, <i>Philosophical</i>	20	W. W., Old Kenyon Cleveland
LOUIS MELYN LATT, JR., <i>Classical</i>		E. D., Old Kenyon Gambier
ARTHUR CARL LICHTENBERGER, <i>Classical</i>	32	M. D., Hanna Hall Oshkosh, Wis.
FREDERICK COURTNEY LIEPMAN, <i>Scientific</i>	50	M. D., Hanna Hall Fort Scott, Kansas
MERRICK MCCAFFERTY, <i>Philosophical</i>	58	W. W., Old Kenyon Columbus
DANIEL WEBSTER MCCARTHY, JR., <i>Philosophical</i>		1 E. W., Old Kenyon Cincinnati
JAMES THOMAS MCILWAIN, <i>Scientific</i>	10	E. D., Old Kenyon Akron
ROSWELL EMERSON MESSINGER, <i>Scientific</i>	4	E. W., Old Kenyon Toledo
ALBERT MILLER, <i>Philosophical</i>	33	N. D., Hanna Hall Bay City, Mich.
GAVIN WALLACE MOUAT, <i>Philosophical</i>	8	M. D., Hanna Hall Cleveland
ROBERT FIELDING NESBITT, <i>Philosophical</i>	42	S. D., Hanna Hall Columbus
EVERETT TOWLE PERRIN, <i>Philosophical</i>	59	W. W., Old Kenyon Cleveland
LEIGHTON KNIGHT PROBST, <i>Philosophical</i>	37	N. D., Hanna Hall Columbus
JESSE RAYMOND PURDY, <i>Scientific</i>		W. D., Old Kenyon Gambier
DONALD EUGENE REID, <i>Philosophical</i>	34	W. D., Old Kenyon Waterloo, Iowa
MERRITT GARTLEY RINGER, <i>Scientific</i>	12	M. D., Hanna Hall Chicago, Ill.
FRANK CAMPBELL ROBERTS, <i>Scientific</i>	28	M. D., Hanna Hall Steubenville
CHARLES GRISWOLD RODGERS, <i>Philosophical</i>	18	N. D., Hanna Hall Columbus

ROBERT MERTON SHIELDS, <i>Scientific</i> 2	E. W., Old Kenyon Houghton, Mich.
RICHARD STANLEY SHUTT, <i>Scientific</i> 55	W. D., Old Kenyon Mt. Vernon
SANFORD WILLIAM SMALL, <i>Scientific</i> 6	S. D., Hanna Hall Minneapolis, Minn.
FREDERICK KIBLER SPETNAGEL, <i>Philosophical</i> . . . 36	W.D., Old Kenyon Chillicothe
HERBERT LOUIS STOCK, <i>Philosophical</i> 14	W. D., Old Kenyon Columbus
JAMES ELLIOTT STONE, <i>Scientific</i> 26	E. D., Old Kenyon Cleveland
RAYMOND GLENN STONE, <i>Scientific</i>	W. D., Old Kenyon Gambier
PAUL FRANCIS STROUGH, <i>Scientific</i> 16	W. D., Old Kenyon Akron
ARTHUR HUDSON TORRANCE, <i>Scientific</i> 27	M. D., Hanna Hall Cleveland
ARTHUR CUNNINGTON TWIGGS, <i>Scientific</i> 33	W. D., Old Kenyon Cleveland
ALFRED KILGORE ULREY, <i>Philosophical</i> 31	W. D., Old Kenyon Cleveland
GERALD PIERCE VAN ARNAM, <i>Scientific</i> 19	W. W., Old Kenyon Rock Creek
PAUL DONALD WARMAN, <i>Scientific</i>	W. D., Old Kenyon Gambier
GEORGE SEATON WASSER, <i>Philosophical</i> 14	N. D., Hanna Hall Cleveland
HERBERT CHANDLER WATSON, <i>Scientific</i> 3	E. W., Old Kenyon Cleveland
JOHN POPE WOLVERTON, <i>Philosophical</i> 44	E. W., Old Kenyon Mt. Vernon
JAMES LOUNSBERY WOOD, <i>Philosophical</i> 5	E. D., Old Kenyon Norwalk

Freshman Class

ROGER ALLING, <i>Scientific</i> 39	W. W., Old Kenyon Sault Ste. Marie, Mich.
GEORGE WOODBURN ARMSTRONG, <i>Philosophical</i> . 5	S. D., Hanna Hall Shelby

- DAVID BUTLER ARNDT, *Classical* 37 N. D., Hanna Hall
Philadelphia, Penn.
- EDWIN DAVISSON BAILEY, *Classical* 36 W. D., Old Kenyon
Clarksburg, W. Va.
- JOHN GEORGE BATEMAN, *Scientific* W. D., Old Kenyon
Gambier
- GORDON FARIES BECKLER, *Scientific* 38 N. D., Hanna Hall
Cincinnati
- ANDREW CAMPBELL BREWER, *Scientific* 37 W. W., Old Kenyon
Toledo
- EDWARD FERGUSON CAGWIN, *Scientific* 58 W. W., Old Kenyon
Cleveland
- LAURENCE MCFARLAND CLARK, *Philosophical* . 15 W. D., Old Kenyon
Clinton, Mich.
- ROBERT SIBLEY COOPER, *Philosophical* 8 E. D., Old Kenyon
Norwalk
- WILLIAM ALBERT CORNELIUS, JR., *Classical* . . 14 N. D., Hanna Hall
McKeesport, Pa.
- GEORGE WILLIAM CROUSE, JR., *Philosophical* 43 E. W., Old Kenyon
Akron
- HARTLEY DEWART, *Classical* 24 Bexley Hall
Boston, Mass.
- JOSEPH FREDERICK DICKSON, *Philosophical* . . 16 W. D., Old Kenyon
Fremont
- JOHN CARLTON DRAKE, *Scientific* W. D., Old Kenyon
Howard
- EDWARD CONRAD DUDLEY, *Philosophical* 3 E. W., Old Kenyon
Cleveland
- ALEXANDER MCGILL DUFF, JR., *Scientific* 16 Bexley Hall
Republic, Pa.
- DONALD CLAIRE ELLWOOD, *Classical* 22 Bexley Hall
Elkhart, Ind.
- RICHARD NORTH GAGE, *Philosophical* 55 W. D., Old Kenyon
Cleveland
- FRANCIS MARK GARY, *Scientific* 56 W. D., Old Kenyon
Cleveland
- THEODORE ROOSEVELT GOLDSMITH, *Scientific* . 46 E. D., Old Kenyon
New York City

GEORGE KENNETH RALSTON, <i>Classical</i>	12	M. D., Hanna Hall Martins Ferry
OLIVER DELUCE ROEMLER, <i>Scientific</i>	52	W. D., Old Kenyon Wyoming
WARREN JARRETT RUSK, <i>Scientific</i>	41	S. D., Hanna Hall Mansfield
LAWRENCE STRATTON RUSSELL, <i>Philosophical</i>	21	Bexley Hall Philadelphia, Penn.
ERWIN JAMES SCHMICK, JR., <i>Scientific</i>	25	S. D., Hanna Hall Cincinnati
ROBERT MARTIN SCHOENHALS, <i>Scientific</i>	46	E. D., Old Kenyon Dayton
EARL VAN SEITZ, <i>Scientific</i>	49	E. D., Old Kenyon Sandusky
ANDREW WILKERSON SOMERVILLE, <i>Philosophical</i>		
	57	W. W., Old Kenyon Dallas, Texas
HALE STURGES, JR., <i>Classical</i>	23	E. W., Old Kenyon Mansfield
FRANK MELVIN VOTAW, <i>Scientific</i>	4	E. W., Old Kenyon Akron
HAROLD JAMES WEAVER, <i>Classical</i>	28	M. D., Hanna Hall Columbus
HOMER HAMILTON WILLIAMS, <i>Scientific</i>	35	W. D., Old Kenyon Youngstown
HAROLD CLEAVER ZEIS, <i>Classical</i>	32	M. D., Hanna Hall Port Clinton

Special Students

ROBERT MOORE BELL	21	S. D., Hanna Hall Canton
RAYMOND BLANGUERNON, B.-es-L.	9	Bexley Hall Chaumont, France
HARVEY FREDERICK HOHLFELDER	26	S. D., Hanna Hall Cleveland
EARLE LOVELL JENKINS	56	W. D., Old Kenyon Cleveland
JOSEPH MARTIN KELLEY	29	E. D., Old Kenyon Salem

JOHN GRAHAM LOOFBOURROW.....	18	W. W., Old Kenyon London
JACK SIMCOX MOORE.....	16	N. D., Hanna Hall Cleveland
CLARENCE SAMUEL NELSON.....	4	M. D., Hanna Hall Chicago, Ill.
WILLIAM HARPER PENNELL.....	12	Bexley Hall Van Wert
EDWIN CLAY PEARCE.....	17	W. W., Old Kenyon Urbana
ROBERT MITCHELL PEARS.....	11	M. D., Hanna Hall Cleveland
Seniors.....	19	
Juniors.....	27	
Sophomores.....	61	
Freshmen.....	53	
Special Students.....	11	
Total.....	171	

THE NINETY-SECOND COMMENCEMENT

Sunday June 20, 1920

Morning Service—Sermon by the Rt. Rev. THEODORE I. REESE, D.D., Bishop-coadjutor of Southern Ohio.

Evening Service—Baccalaureate Sermon by the REV. WILLIAM F. PEIRCE, L.H.D., D.D., President of Kenyon College.

Monday, June 21, 1920

COMMENCEMENT EXERCISES

Class Orator

JOHN FRANCIS SANT, '20,
East Liverpool

Alumni Orator

CONSTANT SOUTHWORTH, '98 A.B.
Cincinnati .

Honor Man

HAROLD GRAHAM WALTON, *First*.

DEGREES CONFERRED

June 21, 1920

BEXLEY HALL

Certificate of Graduation

HARRY MIDDLETON HYATT

Bachelor of Divinity

HAROLD FREDERICK HOHLY, '19 Ph.B.

KENYON COLLEGE

Bachelor of Arts

GEORGE LOUIS BRAIN

JOHN FRANCIS SANT

Bachelor of Philosophy

HENRY SMITH DOWNE

WILLIAM HARRISON GALBERACH

LELAND HOBART DANFORTH, *in absentia*

Bachelor of Science

DONALD GRAY ALLEN

HAROLD GRAHAM WALTON

Master of Arts

(*In Absentia*)

THE REV. EDWIN W. HUGHES, '08 A.B., '11 B.D.,

Anchorage, Alaska

THE REV. RAYMOND ARTHUR MCKINSTRY, '18 Ph.B.,

Topeka, Kansas

HONORARY DEGREES

Master of Arts

THE REV. BATES GILBERT BURT, '01,

Marquette, Mich.

FREDERIC ALLEN WHITING,

Director, Cleveland Museum of Art

HONORARY DEGREES

Doctor of Letters

(At London)

SIR FREDERIC GEORGE KENYON, K.C.B.,

Director of the British Museum,

London, England

Doctor of Laws

(At London)

THE RIGHT HONORABLE LLOYD TYRREL-KENYON

Fourth Baron,

Gredington, Flint, England

Doctor of Divinity

(In Absentia)

THE REV. JAMES CAIRD, '67 A.B., '88 A.M.,

Troy, N. Y.

ALUMNI ASSOCIATIONS

The General Association

President:

HENRY B. C. DEVIN, '88, Mt. Vernon, Ohio

Vice-Presidents:

LEO WELDON WERTHEIMER, '99, Milford, Penn.

C. C. HAMMOND, '03, Pittsburgh, Penn.

RAYMOND DUBOIS CAHALL, '08, Gambier.

Secretary and Treasurer:

ARTHUR L. BROWN, '06, The Diem & Wing Paper Co., Cincinnati

Necrologist:

MATTHEW F. MAURY, '04, Philadelphia, Penn.

Executive Committee:

THE PRESIDENT

THE SECRETARY

DR. FRANCIS W. BLAKE, '80

THE FIRST VICE-PRESIDENT

HENRY A. BEAM, '08

THE SECOND VICE-PRESIDENT

THE TREASURER

The Association of Northern Ohio

President:

ALONZO M. SNYDER, '85, Cleveland

Vice-President:

FRED G. CLARK, '13, Cleveland

Secretary and Treasurer

W. H. THEOBALD, JR., '12, 310 Guardian Building, Cleveland

Executive Committee:

ERNEST C. DEMPSEY, '11

ERNEST S. COOK, '82

THE REV. CHARLES C. BUBB, '99

The Association of Central Ohio

President:

JUDGE JOHN J. ADAMS, '79, Page Hall, O. S. U., Columbus

Secretary and Treasurer:

AUSTIN MCELROY, '09, Hartman Building, Columbus

The Association of Cincinnati and Vicinity

President:

ARTHUR L. BROWN, '06, Cincinnati

Vice-President:

DR. RUFUS SOUTHWORTH, '00, Glendale

*Secretary and Treasurer:*ROBERT A. CLINE, '15, The Cincinnati Milling Machine Co., Oakley,
Cincinnati*Executive Committee:*

JAMES G. STEWART, '02

DR. HENRY STANBERY, '96

EDGAR MOESER, '06

DR. HOWARD FISHBACK, '06

The Association of the East

President:

CHARLES E. MILMINE, '85, 29 E. 80th St., New York City

Vice-Presidents:

THE REV. ARTHUR DUMPER, '96, Trinity Cathedral, Newark, N. J.

ROY H. HOSKINS, '01, 132 West 42nd St., New York City

THOMAS L. GODDARD, '03, 30 West 44th St., New York City

*Secretary and Treasurer:*THE REV. FRANK R. JONES, '01, Willard Parker Hospital, Foot
E. 16th St., New York City.*Executive Committee:*

THE PRESIDENT

THE VICE-PRESIDENTS

THE SECRETARY-TREASURER

The Association of Chicago

*President:*WILLIAM N. WYANT, '03, Wyant and Co., 108 S. LaSalle St., Chic-
ago, Ill.*Secretary and Treasurer:*

HARLOW H. GAINES, '12, 222 North Wabash Ave., Chicago, Ill.

The Association of Pittsburgh

President:

JOHN A. HARPER, '60, Pittsburgh

Vice-President:

LEVI H. BURNETT, '96, Pittsburgh

Secretary and Treasurer:

CHARLES C. HAMMOND, '03, Columbia National Bank, Pittsburgh

The Association of Toledo*President:*

CHARLES G. WILSON, '68, 515 Gardner Bldg., Toledo

Vice-President:

RALPH S. HOLBROOK, '87, 407 Bank of Commerce Bldg., Toledo

Secretary and Treasurer:

PIERRE B. MCBRIDE, '18, 202 Gardner Bldg., Toledo

The Association of Lima*President:*

WALTER S. JACKSON, '03, Lima.

Secretary:

HARRY L. GAYER, '15, R. F. D., 4, Lima.

Treasurer:

ROY J. BANTA, '02, 121 S. Baxter St., Lima

The Association of Philadelphia*Presidents:*

WILLIAM W. HEARNE, '83, 411 Real Estate Trust Co. Bldg., Philadelphia

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WILLIAM BUDD BODINE, JR., '90, Philadelphia

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PUBLICATIONS

The Kenyon College Bulletin is issued quarterly by the College. Numbers include catalogues of the collegiate and theological departments, alumni address lists and accounts of proceedings at Commencement. Copies may be obtained on addressing the office of the President.

The Kenyon Book, edited by the late President of Kenyon College, the Rev. William B. Bodine, D. D. This octavo volume of over 400 pages contains a large amount of interesting and important historical matter and is illustrated with numerous views. Copies can be obtained on remitting \$1.50 to the Treasurer of Kenyon College.

Songs of Kenyon. Alfred K. Taylor, '06, Editor. This volume contains about 150 songs distinctive of Kenyon College, most of which were composed by Kenyon men. This book is handsomely gotten up and contains a number of attractive views of the College buildings. Copies can be obtained on remitting \$2.00 to the Treasurer of Kenyon College.

The Reveille is the annual publication of the student body. The business manager of the '21 Annual is Donald MacAdie, '22.

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